WEATHER MAPS,

PUBLISHED AT SYDNEY,

NEW SOUTH WALES,

1882.

H. C. RUSSELL, B.A.,

GOVERNMENT ASTRONOMER.

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WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : JAN. 2 1882 with NOTES to 3 P.M.

Sydney Observatory.

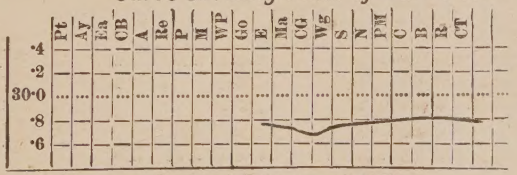
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan. 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 2 .. 00·000.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W't	M'x	M.	R'fin
Casino..	b	99	64	0
Tenterfild	b	94	49	0
Moree....	b	99	73	0
Grafton..	b	102	67	0 03
Gl'n Inn's	b	96	47	0
Inverell..	b	90	65	0
Bourke ..	b	96	67	0
Narrabri	b	104	63	0
Armidale	b	86	—	0
Bendem'r	b	90	46	0
Gunned'h	-	—	—	—
Coonam'le	-	—	—	—
Tamworth	b	106	47	0
Coonab'rn	-	—	—	—
P.Macqrie	-	—	—	—
Wilcannia	-	—	—	—
Murr'undi	b	90	63	0
Cassilis..	b	62	55	0
Mus'br'ok	b	99	58	0
Dubbo...	b	93	62	0
Menindie	-	-	—	—
Mudgee..	b	95	56	0
Maitland.	b	90	62	0
Hill End.	b	90	—	0
Newcastle	b	96	62	0
Orange..	b	81	54	0
Bathurst	b	88	52	0
	E			
Forb's	b	96	56	0
Mt Vict'ria	b	89	54	0
Condob'ln	-	-	—	--
Picton..	b	82	46	0
Carcoar..	b	78	56	0
Wentw'th	b	91	55	0
Young...	b	77	65	0
Wollgo'ng	c	—	—	—
Hay....	b	86	51	0
Moss Vale	b	82	56	0
Euston...	--	—	—	—
Goulburn	b	83	55	0
Wagga...	-	—	—	—
Cape Geo.	b	73	55	0
Queanb'n	b	98	56	0
Deniliq'in	-	—	—	—
Moruya..	c	74	56	0 09
Kiandra..	b	95	41	0

Albury	c	91	47	0
B'd'lla	b	75	53	0 08
Cooma	-	—	—	—
Eden	b	73	62	0
Gabo	-	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY ON S COAST
SYDNEY b 77 63 Rain 0·006

42 29 96 R 60

WIND SCALE. M'l's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

R 6 79
B
C 0 84
PM
N 2 81
S 16 74
W 42 69
CG 2
E 28 65
Ma
Gc
WP 13 58
CO
P
M
Re
A
D

Barometers fallen about 9·24 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 3 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan. 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 3.. 00·033.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W'l	W'S	M.t	R'in
Casino..	b	101	68	0
Tenterfld	u	90	56	0
Moree....	b	95	62	0
Grafton..	g	100	64	0
Gl'n Inn's	b	97	51	0
Inverell..	b	91	59	0
Bourke ..	b	91	63	0
Narrabri	–	—	—	—
Armidale	b	83	—	0
Bendem'r	b	88	47	0
Gunned'h	–	—	—	—
Coonam'le	b	90	55	0
Tamworth	–	—	—	—
Coonab'rn	b	88	44	0
P.Macqrie	–	—	—	—
Wilcannia	–	—	—	—
Murr'undi	b	83	58	0
Cassilis..	b	83	47	0
Mus'br'ok	b	93	55	0
Dubbo...	b	84	41	0
Menindie	–	—	—	—
Mudgee..	b	93	46	0
Maitland.	c	93	56	0
Hill End.	b	88	—	0
Newcastle	b	91	58	0
Orange..	b	74	46	0
Bathurst	b	72	41	0
0 62 E				
Forb's	b	87	55	0
Mt Vict'ria	b	73	46	0
Condob'lin	–	77	48	0
Picton..	o	78	48	0
Carcoar..	b	74	46	0
Wentw'th	–	—	—	—
Young...	b	81	48	0
Wollgo'ng	c	76	53	0
Hay....	b	85	51	0
Moss Vale	b	72	46	0
Euston,..	b	81	44	0
Goulburn	b	72	43	0
Wagga...	b	79	48	0
Cape Geo.	b	71	58	0
Queanb'n	b	75	44	0
Deniliq'in	b	83	45	0
Moruya..	b	72	52	0
Kiandra..	b	90	32	0

Albury	b	78	42	0
B'd'lla	b	75	48	0 62
Cooma	b	87	38	0
Eden	b	68	51	0
Gabo	–	—	—	—

Curve showing state of Barometer.

13 30 06 F 87

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

42 29 97 R 75

FINE GENERALLY.
SYDNEY c 75 58 Rain 0·033

3 78 A —30 11 R 58 D

0 30 05 R 61

23 63 Re 18

18 58 P 57 M

3 64 CO

WP 23 53

Go

Ma 14 60

E 28 51

CG 42 60

Wg 42 65

S 16 65

N 7 68

PM 14 71

C 75

B 48 77

R 3 84

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. M'ts
13-Li't brze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers risen anou 9·30 on E coast For note to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 4 JAN, 4 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan. 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 4.. 00·053.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	m'x	M.S	R'in
Casino..	b	90	68	0
Tenterfild.	b	90	59	0
Moree....	g	97	71	0
Grafton..	g	96	63	0
Gl'n Inn's	o	97	57	0
Inverell..	u	89	60	0
Bourke ..	b	91	69	0
Narrabri	g	104	62	0
Armidale	c	85	—	0
Bendem'r	b	90	56	0
Gunned'h	c	98	59	0
Coonam'le	b	95	57	0
Tamworth	b	102	62	0
Coonab'rn	b	93	44	0
P.Macqrie	b	78	65	0
Wilcannia	c	83	62	0
Murr'undi	b	84	61	0
Cassilis..	b	96	70	0
Mus'br'ok	b	89	59	0
Dubbo...	b	86	41	0
Menindie	o	82	69	0
Mudgee..	o	91	55	0
Maitland.	c	80	65	0
Hill End.	b	82	—	0
Newcastle	c	91	66	0
Orange..	b	78	50	0
Bathurst	b	84	49	0
13 68		6		
Forb's	c	80	55	0
Mt Vict'ria	c	75	52	0
Condob'lin	b	79	50	0
Picton..	c	72	52	0
Carcoar..	b	74	55	0
Wentw'th	c	88	63	0
Young...	g	89	55	0
Wollgo'ng	c	74	55	0
Hay....	c	85	55	0
Moss Vale	b	73	52	0
Euston...	c	92	60	0
Goulburn	b	84	51	0
Wagga...	o	84	50	0
Cape Geo.	b	73	55	0
Queanb'n	b	87	56	0
Deniliq'in	b	82	50	0
Moruya..	-	—	—	—
Kiandra..	o	70	65	0

Albury	o	86	46	0
B'd'lla	—	—	—	—
Cooma	o	75	39	0
Eden	c	73	53	0
Gabo	—	—	—	—

0 30 20 R 86 *Curve showing state of Barometer.*

Pt AY Ea CB A Re P M WP Go E Ma CG Wg S N PM C B F CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

28 29 92 F 84

FINE GENERALLY.
SYDNEY c 73 64 Rain 0·000

28 39 37 — 8

143001F72 9

0 30 00 F 69

75 A 3 23 63 Re

28 64 P 8 74 M

3 76 CO

WP 18 60

Go

Ma E 14 63

CG 14 9

Wg 28 74

S 14 71

N 9 70

PM 14 76

B 40 80

C 7

R 83

As

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'l's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers risen abou 9·24 at A. G. For note to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 5 1882 with NOTES to 3 P.M.

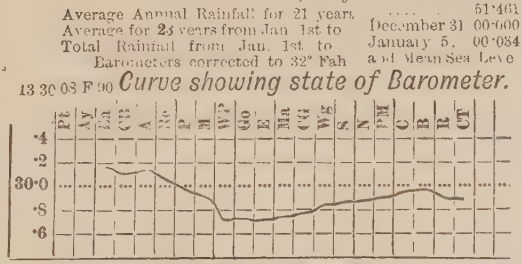
Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 5. 00·034.
Barometers corrected to 32° Fah and Mean Sea Level

Stations	wt	m's	m	r in
Casino..	b	95	66	0
Tenterfild	g	88	60	0 70
Moree....	b	93	72	0 18
Grafton..	g	92	63	0
Gl'n Inn's	c	97	58	0
Inverell..	u	90	99	0
Bourke ..	b	98	68	0
Narrabri	b	93	70	0
Armidale	b	83	—	0
Bendem'r	b	90	58	0
Gunned'h	b	101	58	0
Coonamble	b	—	—	0
Tamworth	o	100	52	0
Coonab'rn	b	93	49	0
P. Macqrie	m	81	66	0
Wilcannia	b	90	64	0
Murr'undi	b	86	64	0
Cassilis..	b	89	51	0
Mus'br'ok	b	94	63	0
Dubbo...	b	87	55	0
Menindie	o	95	70	0
Mudgee..	o	90	52	0
Maitland.	b	90	65	0
Hill End.	b	88	—	0
Newcastle	b	90	64	0
Orange..	b	80	44	0
Bathurst	b	81	45	0
Forb's	b	98	66	0
Mt Vict'ria	b	77	52	0
Condob'lin	b	89	62	0
Picton..	b	84	53	0
Carcoar..	b	75	50	0
Wentw'th	b	99	58	0
Young...	b	86	64	0
Wollgo'ng	b	87	63	0
Hay....	b	90	64	0
Moss Vale	b	76	51	0
Euston...	o	100	77	0
Goulburn	b	82	46	0
Wagga...	b	88	57	0
Cape Geo.	b	76	54	0
Queanb'n	b	84	54	0
Deniliq'in	b	95	58	0
Moruya..	b	75	58	0
Kiandra..	b	62	45	0
Alb'ry	b	93	54	0
B'd'lla	g	84	51	0
Cooma	g	87	44	0
Eden	—	—	—	—
Gabo	—	—	—	—

13 30 08 F 90 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T-storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 29 90 F 94

FINE GENERALLY.
SYDNEY b 77 63 Rain 0·601

28 39 13 R 7

30 02R 67 D

42 29 89 R 72

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers risen abou 0·18 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 6 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan. 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 6.. 00·054.
Barometers corrected to 32° Fah. and Mean Sea Leve

Stations.	W'l	M'x	M.		R'fin
Casino..	b	98	63	0	64
Tenterfild	g	90	61		0
Moree....	b	98	71		0
Grafton..	b	97	54		0
Gl'n Inn's	-	—	—		—
Inverell..	b	90	65		0
Bourke ..	b	102	72		0
Narrabri	b	105	63		0
Armidale	-	—	—		—
Bendem'r	-	—	—		—
Ganned'h	-	—	—		—
Coonamle	-	—	—		-
Tamworth	b	104	55		0
Coonab'rn		97	62		0
P.Macqrie	c	82	66		0
Wilcannia	b	90	68		0
Murr'undi	b	86	65		0
Cassilis..	b	98	56		0
Mus'br'ok	b	102	64		0
Dubbo...	b	93	67		0
Menindie	o	95	62		0
Mudgee..	o	97	61		0
Maitland.	-	—	—		—
Hill End.	b	88	—		0
Newcastle	c	95	65		0
Orange..	b	85	53		0
Bathurst	b	89	54		0
8 85					
Forb's	b	96	60		0
Alt Vict'ria	g	84	49		0
Condob'ln	b	82	54		0
Picton..	b	89	60		0
Carcoar..	b	80	40		0
Wentw'th	b	84	51		0
Young...	b	94	55		0
Wollgo'ng	c	—	62		0
Hay....	b	95	66		0
Moss Vale	g	89	54		0
Euston...	-	—	—		-
Goulburn	b	89	60		0
Wagga...	b	89	51		0
Cape Geo.	c	79	57		0
Queanb'n	b	87	58		0
Deniliq'in	b	82	45		0
Moruya..	b	86	59		0
Kiandra..	b	95	64		0

Alb'ry	b	86	45	0
B'd'lla	g	92	56	0
Cooma	b	83	49	0
Eden	b	76	64	0
Gabo	-	—	—	—

WIND SCALE. (M'l's)
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 5 78

8 30 13 F 97 *Curve showing state of Barometer.*

Pt | AY | Ra | CB | A | Re | P | M | WP | Go | E | Ma | CG | Wg | S | N | PM | C | B | R | CT

·4
·2
30·0
·8
·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

– 30 02 R 85

FINE GENERALLY.
SYDNEY c 91 64 Rain 0 000

8 74 A 14 30 17 R 61 18 — 62 13 — 64 Re 13 — 57 P 13 60 M 8 — 63 CO 42 30 14 R 66 28 30 16 R 5 WP 18 — 57 Ga E Ma 14 — 61 CG 42 — 63 Wg 23 — 65 S 7 — 66 N 8 — 67 PM 42 — 69 C B 3 — 81

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. = M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG VAR. 9° 35 30 E

W E S

Barometers risen about 0·35 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 7 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·461
Average for 23 years from Jan. 1st to December 31 00·000.
Total Rainfall from Jan. 1st to January 7. 00·054.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations	W't	M'x	M.	R'in
Casino..	b	84	63	0
Tenterfield	–	—	—	—
Moree....	b	102	72	0
Grafton..	g	82	61	0
Ol'n Inn's	b	92	52	0
Inverell..	b	91	62	0
Bourke ..	b	95	70	0
Narrabri	b	102	60	0
Armidale	b	76	—	0
Bendem'r	b	84	54	0
Canned'h	–	—	—	—
Coonamble	b	69	64	0
Tamworth	b	103	54	0
Coonab'rn	b	93	55	0
P.Macqrie	c	71	59	0
Wilcannia	L	95	61	0
Murr'undi	b	81	61	0
Cassilis..	b	85	59	0
Mus'br'ok	b	83	57	0
Dubbo...	b	94	63	0
Menindie	o	83	60	0
Mudgee..	o	90	58	0
Maitland.	b	80	59	0
Hill End.	b	85	—	0
Newcastle	b	81	64	0
Orange..	b	83	53	0
Bathurst	b	86	53	0
Forb's	b	90	59	0
Mt Vict'ria	g	75	48	0
Condob'lin	b	77	57	0
Picton..	g	73	58	0
Carcoar..	b	78	57	0
Wentw'th	b	88	51	0
Young...	b	93	55	0
Wollgo'ng	o	75	57	0
Bay....	b	94	52	0
Moss Vale	b	68	53	0
Euston...	b	92	48	0
Goulburn	b	89	50	0
Wagga...	b	99	56	0
Cape Geo.	b	71	55	0
Queanb'n	b	84	57	0
Deniliq'in	b	88	50	0
Moruya..	b	70	53	0
Kiandra..	b	106	70	0
Alb'ry	b	95	51	0
B'd'lla	b	76	53	0
Cooma	b	75	38	0
Eden	b	74	55	0
Gabo	—	—	—	—

Curve showing state of Barometer.

	Ft	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	R	E	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. M'ls
13-Lt'r brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

FINE GENERALLY.
SYDNEY c 72 62 Rain 0·000

14 30 01 F 86
42 30 17 F 83
28 30 14 F 75
14 30 19 R 71
28 — 71
73
8 — 77
28 — 63
8 — 7 — 75
G — 75
PM 14 — 71
N 2 — 70
S 8 — 71
Wg 14 — 71
CG 14 — 66
Ma 14 — 65
E 14 — 70

Barometers risen about 0·12 on E coast For note to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 9 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 8... 0·086.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	at 9	☉	M.	Rain
Casino..	b	91	64	0
Tenterfield	b	92	55	0 06
Moree....	–	—	—	—
Grafton..	b	91	64	0
Gl'n Inn's	b	91	64	0
Inverell..	b	90	61	0
Bourke ..	b	82	69	0
Narrabri	–	—	—	—
Armidale	b	86	—	0
Bendem'r	b	92	58	0
Gunned'h	b	104	57	0
Coonamble	–	–	–	—
Tamworth	b	103	62	0
Coonab'rn		99	57	0
P.Macqrie	b	82	67	0
Wilcannia	b	105	66	0
Murr'undi	–	—	—	0
Cassilis..	b	104	76	0
Mus'br'ok	b	105	68	0
Dubbo...	b	98	71	0
Menindie	o	106	62	0
Mudgee..	o	102	60	0
Maitland.	b	96	58	0
Hill End.	b	87	—	0
Newcastle	b	86	68	0
Orange..	b	90	34	0
Bathurst	b	95	53	0
	&			
Forb's	b	100	63	0
Mt Vict'ria	b	92	53	0
Condob'lin	b	96	67	0
Picton..	c	88	61	0
Carcoar..	b	88	59	0
Wentw'th	b	94	62	0
Young...	o	103	71	0
Wollgo'ng	–	—	—	—
Hay....	b	106	59	0
Moss Vale	b	92	57	0
Euston...	–	—	—	—
Goulburn	b	100	50	0
Wagga...	b	108	63	0
Cape Geo.	b	79	57	0
Queanb'n	–	—	—	—
Deniliq'in	b	107	51	0
Moruya..	b	83	54	0
Kiandra..	b	95	65	0

Albury	b	57	0
B'd'lla	b	90	50	0
Cooma	b	97	47	0
Eden	b	79	56	0
Gabo	–	—	—	—

Curve showing state of Barometer.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy. very heavy.

WIND SCALE.
1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Rain
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

FINE GENERALLY.
SYDNEY c 79 66 Rain 0·002

Barometers fallen about 0·30 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

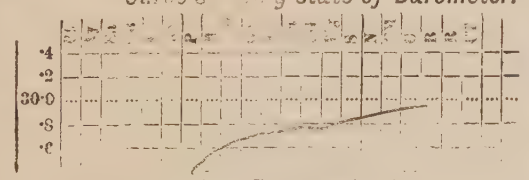
COMPILED from TELEGRAMS for 9 A.M., JAN. 10 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·818 *E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January . 10 0·059
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

42 29 76 F 99

CLOUDY ON S COAST
SYDNEY b 78 67 Rain 0·003

56 29 57 F 94

28 29 59F 92

0 29 73 F 83

18—64 3 75 3—7 28—63

WIND SCALE.
1-Lt brze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
Mag Var 9° 35·30 E

B 2—83
C 28—83
PM 23—75
N 3—76
S 6—77
W 14—73
CG 23—70
Ma 28—70
E 14—72
Go 28—63

W — E
N
S

Barometers fallen anou 9·30 on S coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

[illegible]	b	103	68	0			
[illegible]oma..	b	97	55	0	15		
[illegible]....[illegible]	b	104	78	0			
Braton..	b	91	62	0			
Gl'n Inn's	b	97	56	0	50		
Invercil..	b	92	61	0	15		
Bourke ..	b	109	83	0			
Narrabri	b	1	0	0			
Armidale	b	96	—	0	12		
Beudem'r	b	88	59	0			
Gagued'h	b	111	67	0			
Coonam'le	b	112	74	0			
Tamworth	b	115	82	0			
Coonab'rn	b	104	55	0			
P. Macqrie	b	81	67	0			
Wilcannia	b	115	80	0			
Murr'undi	b	96	75	0			
Casalis..	b	104	80	0			
Mus'br'ok	b	112	71	0			
Dubbo...	b	104	81	0			
Menindie	b	107	72	0			
Mudgee..	b	104	66	0	05		
Maitland.	b	93	70	—			
Hill End.		—	—	0			
Newcastle	b	83	68	0			
Orange..	b	93	57	0			
Bathurst	b	96	62	0			
[illegible]							
Forb's	b	112	79	0			
Mt Vict'ria	—	—	—	—			
Condob'in	—	—	—	—			
Picton..	g	85	64	0			
Carcoar..	b	92	72	0			
Wentw'th	g	101	73	0			
Young...	b	107	78	0			
Wollgo'ng	b	78	61	0			
Hay....	c	107	60	0			
Moss Vale	b	83	62	0			
Euston...	b	105	63	0			
Goulburn	b	100	57	0			
Wagga...	b	106	66	0			
Cape Geo.	b	77	54	0	Albury	b	99 62 0
Queanb'n	b	100	67	0	B'd'lla	b	79 51 0
Deniliq'n	b	96	60	0	Cooma	b	96 50 0
Moruya..	g	75	58	0	Eden	b	84 54 0
Kiandra..	b	84	63	0	Jabo	—	— — —

WEATHER MAP.

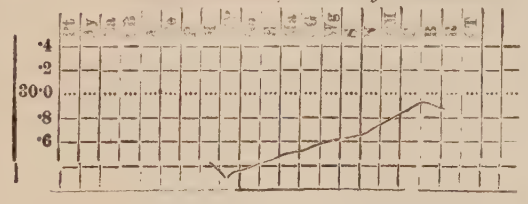
COMPILED from TELEGRAMS for 9 A.M., JAN. 11 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long.* 10*h.* 4*m.* 50·81*s*.

Average Annual Rainfall for 21 years ..... 51·008
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan 1st to January 11 0·064
Barometers corrected to 32° Fah. and Mean Sea Level

Curve of state of Barometer.



Cooma	b	102	62	0
Tenterfield	b	92	56	0
Mores...	b	104	78	0
Grafton..	b	91	69	0
Gl'n Inn's	b	97	55	0
Inverell	b	99	70	0
Bourke...	b	110	78	0
Narrabri	b	110	75	0
Armidale	b	91	—	0
Bendem'r	b	89	59	0
Gunned'h	–	—	—	—
Coonamble	b	113	84	0
Tamworth	b	114	85	0
Coonab'rra		95	7	0
P.Macquarie	b	80	67	0
Wilcannia	–	—	—	—
Murr'undi	b	98	82	0
Cassilis..	b	105	85	0
Mus'br'ok	b	111	71	0
Dubbo...	b	104	80	0
Merrindie	–	—	—	—
Mudgee..	b	104	70	0
Maitland.	b	102	75	0
Hill End.	b	97	—	0
Newcastle	b	91	70	0
Orange..	b	97	73	0
Bathurst	b	99	41	0
Forb's	b	118	82	0
Mt Vict'ria	b	93	71	0
Condob'lin	–	—	—	—
Picton..	b	97	63	0·07
Carcoar..	b	94	78	0
Wentw'th	–	—	—	—
Young...	g	1·3	80	0
Wollgo'ng	c	87	71	0
Hay....	–	—	—	0
Moss Vale	b	98	72	0
Euston...	b	109	42	0
Goulburn	b	103	58	0
Wagga...	g	108	83	0
Cape Geo.	b	84	67	0
Queanb'n	b	100	73	0
Deniliq'in	b	106	67	0
Moruya..	b	78	70	0
Kiandra...	c	80	66	0
Albury	c	—	79	0
B'd'lla	g	80	64	0
Cooma	b	92	72	0
Eden	b	72	66	0
Gabo	–	—	—	—

CLOUDY ON S COAST
SYDNEY b 82 71 Rain 0·025

42 29 74 F 99

0 29 57 F 78

5 29 62 F 82

23 32

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL.
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG VAR 9° 35 30 E

B 23 — 83
C 42 — 81
PM 42 — 74
N 2 — 61
S 13 — 81
CG 42 — 80
Ma 14 — 74
E 14 — 72
Go
WP 13 — 75
CO 13 — 74
P 40 —
M
Re
A
W — E

Barometers fallen about 0·20 on E coast For note to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 12 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·81*s* E

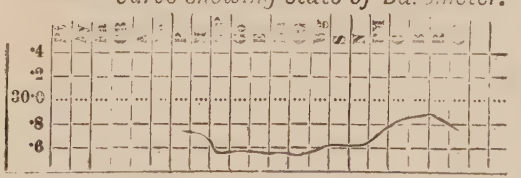
Average Annual Rainfall for 21 years 51·009

Average number of days in 25 years from Jan. 1st to December 31 51·005

Total Rainfall from Jan. 1st to January 12 0·064

Barometers reduced to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

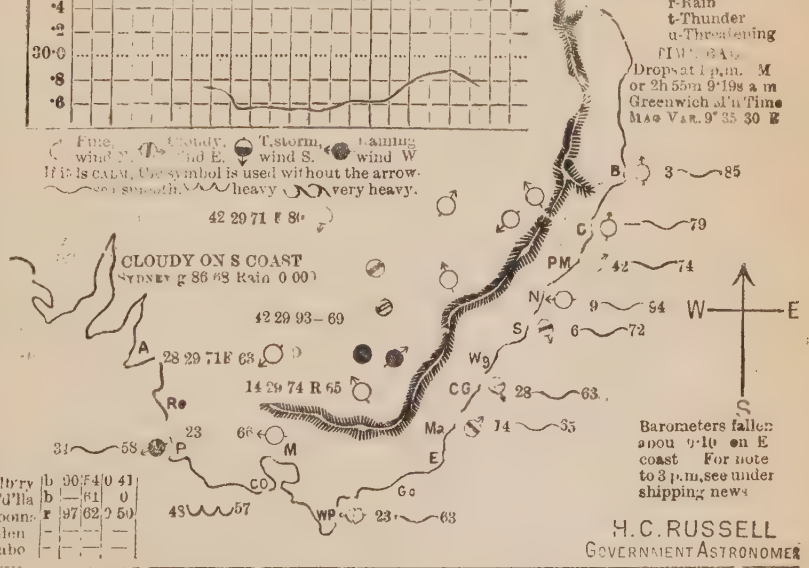


Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

~ smooth. ^ heavy ^^ very heavy.

Echuca	f	101	68	0				
Tenterfield	b	8	52	0				
Moree	b	102	78	0				
Grafton	b	94	62	0				
Gl'n Inn's	b	97	55	c				
Inverell	b	90	70	0				
Bourke	b	113	80	0	01			
Narrabri	g	106	72	0				
Armidale	b	93	—	0				
Bendem'r	b	100	72	0				
Gunned'h	g	103	75	0				
Coonamble	–	—	—	—				
Tamworth	b	115	74	0				
Coonab'rn	c	105	71	0				
P. Macqrie	b	79	67	0				
Wilcannia	b	104	79	0				
Murr'undi	b	99	83	0				
Cassilis	p	104	76	0				
Mus'br'ok	b	113	85	0				
Dubbo	g	106	85	0				
Menindie	b	109	65	0				
Mudgee	g	98	62	0				
Maitland	b	107	75	0				
Hill End	b	95	—	0				
Newcastle	b	96	70	0				
Orange	g	99	72	0	04			
Bathurst	b	102	76	0				
		86						
Forb's	g	111	70	0				
Mt Vict'ria	b	110	73	0				
Goulob'rn	b	76	63	0				
Picton	d	99	86	0				
Carcoar	g	96	76	0				
Wentw'th	b	92	59	0				
Young	g	101	70	0	04			
Wollgo'ng	–	—	—	–				
Hay	b	96	67	0	05			
Moss Vale	c	105	68	0	02			
Euston	f	91	53	0				
Goulburn	b	106	68	0				
Wagga	g	103	54	0	64			
Cape Geo.	c	87	57	9	05	Albury	b	90	54	0	41
Queanb'n	b	100	73	0		B'd'lla	b	—	61	0	
Deniliq'n	b	93	49	0		Coonamble	r	97	62	0	50
Moruya	g	104	82	0	04	Eden	–	—	—	—	
Alexandra	r	60	32	1	29	Kiabo	–	—	—	—	



WIND SCALE.
1-2-Li't brze
3-4-Mod. ,,
5-Fresh ,,
6-Strg gale
7-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

Drops at 1 p.m. M or 2h 55m 9·19s a.m. Greenwich sid'l Time
MAG VAR. 9° 35 30 E

Barometers fallen abou 0·10 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., . JAN. 13 1889 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 59·87*s* *E.*

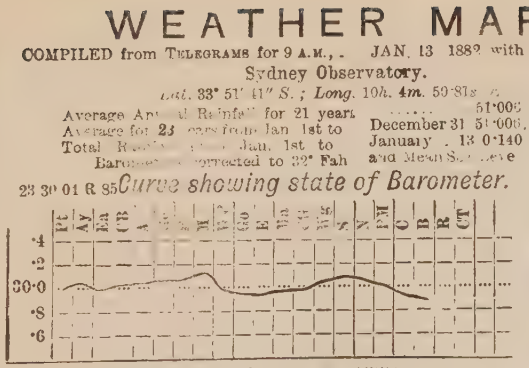
Average Annual Rainfall for 21 years ..... 51·006

Average for 23 years from Jan 1st to December 31 51·006

Total Rainfall from Jan. 1st to January . 13 0·140

Barometer corrected to 32° Fah and Mean Sea Level

23 30 01 R 85 *Curve showing state of Barometer.*



WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL.
Drops at 1 p.m. M
or 2h 55m 19·19s a.m.
Greenwich M'n Time
MAG VAR 9° 35 30 E

wind S. wind W
heavy very heavy.

42 29 91 R 81

CLOUDY ON S COAST

28 30 15 R 68

14 30 07 R 65

0 30 04 R 67

Barometers rise about 0·40 on E. coast For next 2 to 3 p.m. see telegraphic shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Casino..	c	105 73	0	
Lenterfld	c	105 69	0	
Moree....	-	— —	—	
Grafton..	b	102 68	0	
Gl'n Inn's	g	95 65	0	
Inverell..	b	90 71	0	
Bourke ..	b	94 70	0	
Narraori	b	100 —	0	
Armidale	g	87 —	0	
Bendem'r	b	94 53	0	
Gunned'h	b	103 64	0	
Coonamble	b	104 64	0	
Tamworth	L	106 68	0	
Coonab'rn	b	101 56	0	
P. Macqrie	c	78 68	0	
Wilcannia	b	90 64	0	
Murr'undi	g	94 70	0	
Cassilis.	b	93 59	0	
Mus'br'ok	b	108 65	0	
Dubbo....	b	98 66	0	
Menindie	b	85 61	0	
Mudgee..	b	98 56	0	
Maitland.	g	103 74	0	
Hill End.	b	90 —	0	
Newcastle	g	99 65	0	
Orange..	b	85 47	0	
Bathurst	b	87 47	0	
13 69		6		
Forb's	b	92 60	0	
Mt Vict'ria	c	86 48	0	02
Condob'lin	b	82 53	0	
Picton....	g	87 53	0	
Carcoar..	b	85 62	0	32
Wentw'th	b	92 55	0	
Young...	b	89 50	0	17
Wollgo'ng	b	87 59	0	
Hay....	b	81 55	0	
Moss Vale	g	86 54	0	41
Euston....	t	83 52	0	
Goulburn	b	83 51	0	
Wagga....	b	89 51	0	
Cape Geo.	g	82 58	0	08
Queanb'n	b	82 56	0	25
Deniliq'in	b	94 48	0	
Moruya...	b	74 58	0	
Kiandra..	b	100 70	0	

Albury	b	90 48	0	
B'd'lla	b	78 53	0	07
Broome	b	77 79	2	20
Eden	b	76 59	0	46
Jabe		— —	—	

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 14 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

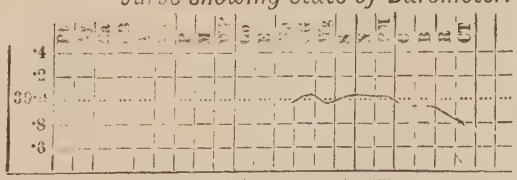
Average Annual Rainfall for 21 years 51·006

Average for 25 years from Jan. 1st to December 31 51·006,

Total Rainfall from Jan. 1st to January . 14 0·141

Barometers corrected to 32° Fah and Mean Sea Leve

Curve showing state of Barometer.



[illegible]	c	95	69	0
[illegible]	c	92	59	0
Roma	b	101	74	0
Grafton	g	96	62	0
Gl'n Inn's	g	92	59	0
Inverell	b	95	73	0
Bourke	b	96	61	0
Narrabri	b	107	—	0
Armidale	b	74	—	0
Bendem'r	b	80	58	0
Gunned'h	—	—	—	—
Coonamble	b	100	67	0
Tamworth	b	94	62	0
Coonab'rn	b	96	58	0
P. Macqrie	c	78	67	0
Wilcannia	b	100	69	0
Murr'undi	b	80	66	0
Cassilis	c	83	54	0
Mas'br'ok	b	85	60	0
Dubbo	b	91	68	0
Menindie	b	90	68	0
Mudgee	b	93	60	0
Maitland	g	82	64	0
Hill End	b	82	—	0
Newcastle	c	80	65	0
Orange	b	81	54	0
Bathurst	b	85	53	0
Forb's	b	102	69	0
Mt Vict'ria	c	83	55	0
Condob'lin	b	82	56	0
Picton	g	81	60	0
Carcoar	b	78	59	0
Wentw'th	b	92	55	0
Young	b	91	70	0
Wollgo'ng	b	77	59	0
Hay	b	91	58	0
Moss Vale	b	77	58	0
Euston	b	95	51	0
Goulburn	b	86	54	0
Wagga	b	86	68	0
Cape Geo.	b	75	50	0
Queanb'n	b	93	63	0
Deniliq'n	b	88	51	0
Moruya	b	75	62	0
Kiandra	b	94	63	0
Albury	b	94	52	0
B'd'lla	b	79	60	0
Cooma	b	84	57	0
Eden	—	—	—	0
Gabo	—	—	—	—

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

28 29 84 F 89

FINE GENERALLY.

SYDNEY c 74 66 Rain 0 001

14 30 04 F 83

14 29 97 F 74

0 30 06 R 71

13 63 P 3 69 M

8 65 CO WP 3 63 Go E Ma 14 72 CG 14 71 Wg 14 76 S 11 69 N 3 69 PM 14 74 C 28 72 B 3 81 R 8 82

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M's	
13	Li't brze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

TIME BALL Drops at 1 p.m. M or 2h 55m 9·19s a.m Greenwich M'n Time

MAG VAR. 9° 35 30 E

W E S

Barometers fallen abou 0·05 on E coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

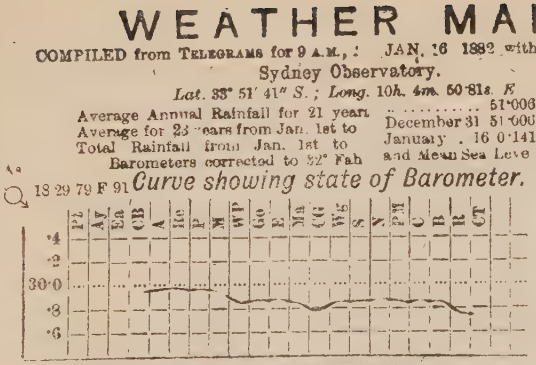
COMPILED from TELEGRAMS for 9 A.M., JAN. 16 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·81*s.* E

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 16 0·141
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	W'th	M'x	M'n	R'fall
Casino..	b	80	62	0·29
Tenterfield	b	92	55	1·60
Moree....	b	88	60	0·12
Grafton..	b	83	61	0
Cl'n Inn's	b	94	51	1·09
Inverell..	b	91	69	0·10
Bourke ..	b	105	76	0
Narrabri	b	72	–	0·05
Armadale	b	86	–	0·21
Benden'r	b	88	55	0
Canned'h	b	103	53	0
Coonamble	b	109	71	0
Tamworth	b	98	55	0
Coonab'rn	b	98	61	0
P. Macqrie	b	78	67	0
Wilcannia	b	100	72	0
Murr'undi	b	89	68	0
Cassilis..	b	94	64	0
Mus'br'ok	b	96	68	0
Dubbo...	b	98	68	0
Menindie	b	93	69	0
Mudgee..	b	101	63	0
Maitland.	c	88	68	0
Hill End.	b	87	—	0
Newcastle	o	84	66	0
Orange..	o	88	60	0
Bathurst	b	94	58	0
Forb's	b	98	70	0
McVict'ria		88	54	0
Condob'lin	b	91	60	0
Picton...	g	86	65	0
Carcoar..	b	85	69	2
Wentw'th	b	91	58	0
Young...	b	101	59	0
Wollgo'ng	g	81	60	0
Hay..	b	99	63	0
Moss Vale	b	83	62	0
Euston...	b	95	58	0
Goulburn	b	85	68	0
Wagga...	b	100	59	0
Cape Geo.	b	75	64	0
Queanb'n	b	90	58	0
Deniliq'n	b	98	52	0
Moruya..	g	77	64	0
Braidra..	b	100	65	0



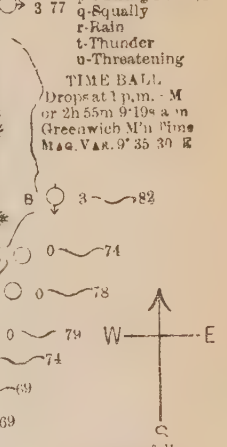
WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M'ls	
13	Li't brze
23	Mod.
34	Fresh
56	Strg gale
65	Whole

TIME BALL
Drops at 1 p.m. = M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E



Barometers fall on E coast for gales to S.; used under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 17 1892 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* E.

Average Annual Rainfall for 21 years ..... 51·006.
Average for 21 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 17 0·366.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W't	M'n	M.	R'in
Casino..	c	100	63	0
Tenterfild	b	89	57	0 08
Moree....	b	98	27	0
Grafton..	g	93	69	C
Gl'n Inn's	b	96	56	0 96
Inverell..	b	86	76	0
Bourke ..	–	—	—	—
Narrabri	b	105	—	0
Armidale	g	86	85	0
Bendem'r	g	92	54	0
Gunned'h	b	103	67	0
Coonamble	b	—	—	—
Tamworth	L	99	63	0
Coonab'rn	b	101	57	0
P. Macqrie	b	82	70	0
Wilcannia	b	103	74	0
Murr'undi	b	91	73	0
Cassilis..	c	101	72	0
Mus'br'ok	b	105	70	0
Dubbo...	b	98	70	0
Menindie	b	93	62	0
Mudgee..	b	102	75	0
Maitland.	g	92	71	0 05
Hill End.	b	89	—	0
Newcastle	o	83	68	0
Orange..	n	89	64	0
Bathurst	b	95	63	0
	E			
Forb's	b	98	75	0
M:Vict'ria	g	89	55	0 03
Condob'lin	–	—	—	—
Picton..	g	88	68	0
Carcoar..	b	87	67	0
Wentw'th	b	92	65	0
Young...	b	101	63	0
Wollgo'ng	g	77	63	0
Hay..	–	—	—	—
Moss Vale	g	82	57	0 03
Euston...	b	96	60	0
Goulburn	g	87	57	0
Wagga...	b	97	64	0
Cape Geo.	c	74	60	0
Queamb'n	b	90	61	0
Deniliq'in	b	98	51	0
Moruya..	g	72	61	0
Kiandra..	b	100	60	0

Albury	99	59	0	
B'd'lla	g	99	58	0
Cooma	b	88	47	0
Eden	o	74	59	0
Dubbo	–	—	—	—

Curve showing state of Barometer.

As 28 29 79 R 88

	Pt	Ay	La	CB	A	Re	L	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	Bs	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

CLOUDY ON E COAST
SYDNEY d 81 65 Rain 0·154

28 30 02 F 64

13 89 A 14 29 94 R 70 D

14 30 00 — 76

28 — 75 Re

15 — 69

28 — 63 P

8 63 M

CO

8 — 63

Go WP 8 — 65

Ma 14 — 66

E 14 — 74

CG 28 — 65

Wg 28 — 67

S 10 — 66

N 2 — 72

PM 14 — 82

C 28 — 77

WIND SCALE.
13-Lt's breze
28-Mod., ,,
34-Fresh ,,
53-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers risen about 0·20 on E coast For note to 3 p.m. see summer shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 18 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006
Total Rainfall from Jan. 1st to January . 18 0·397
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	m'x	m.	R'in
Casino..	b	96	67	0
Tenterfield	b	90	62	0
Moree....	b	104	77	0
Grafton..	g	91	70	C
Gl'n Inn's	b	92	61	0
Inverell..	b	93	65	0
Bourke ..	b	109	83	0
Narrabri	c	112	—	0
Armidale	b	83	—	0
Bendem'r	c	94	57	0
Gunned'h	b	107	62	0
Coonam'le	b	110	74	0 10
Tamworth	b	13,65		0
Coonab'rn	b	102	65	0
P.Macq'rie	c	83	71	0
Wilcannia	b	104	79	0
Murr'undi	g	89	66	0
Cassilis..	g	94	60	0
Mus'br'ok	b	93	64	0
Dubbo...	b	99	57	0
Menindie	b	100	63	0
Mudgee..	b	97	65	0
Maitland.	g	82	67	0
Hill End.	b	89	—	0
Newcastle	c	74	64	0 68
Orange..	b	91	61	0
Bathurst	b	90	61	0
28 71				
Forb's	b	108	71	0
Mt Vict'ria	g	65	52	0 10
Condob'lin	b	85	64	0
Picton..	g	63	62	0 02
Carcoar..	b	87	62	0
Wentw'th	b	104	66	0
Young...	b	104	61	0
Wollgo'ng	g	75	62	0
Hay....	b	105	58	0
Moss Vale	g	65	56	0 01
Euston...	b	106	68	0
Goulburn	g	70	56	0
Wagga...	b	99	63	0
Cape Geo.	b	74	60	0
Queanb'n	b	84	64	0
Deniliq'in	b	103	69	0
Moruya..	b	72	58	0
Kiandra..	b	100	79	0

Alb'ry		—	65	0
B'd'lla	b	78	52	0
Cooma	b	87	48	0
Eden	b	75	61	0
Jabo	—	—	—	—

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma CG We S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WIND SCALES.
13-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

28 29 86 —97

CLOUDY ON E COAST
SYDNEY g 71 66 Rain 0·001

14 29 95 F 95

18 108 A 14 29 88F 79 D 42 30 05R 80

Re P M Go Ma CG PM B C N S W E

Barometers risen anou 9·10 on E coast For note to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

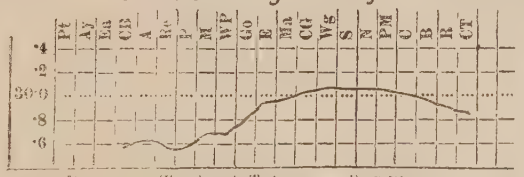
COMPILED from TELEGRAMS for 9 A.M., JAN. 19 1882, with NOTES to 8 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January . 19 0·397.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.				
Cashmere..	b	87 55	0	
Tenterfield	b	83 54	0	
Mores....	b	103 73	0	
Grafton..	b	90 66	0	
Gl'n Inn's	b	93 50	0	
Inverell..	b	94 67	0	
Bourke ..	b	107 84	0	
Narrabri	b	109 ..	0	As
Armidale	b	86 —	0	
Bendem'r	o	91 59	0	
Canned'b	b	101 57	0	
Goonam'le	b	106 71	0	
Tamworth	b	95 65	0	
Cassim'rn	b	132 59	0	
Macquarie	b	73 95	0	
Wilcannia	b	113 90	0	
Murr'undi	b	85 59	0	
Cassilis..	b	90 61	0	
Mos'br'ok	b	88 58	0	
Dubbo...	b	95 62	0	
Meruldie	b	113 86	0	
Mudgee..	b	90 59	0	
Maitland.	b	82 60	0	
Hill End.	b	88 —	0	
Newcastle	b	88 63	0	
Orange..	b	90 56	0	
Bathurst	b	94 53	0	
Forb's		110 72	0	
Mt Vict'ria	b	71 59	0	
Campbell'n	b	86 68	0	
Picton..	g	81 61	0	
Carcoar..	b	85 62	0	
Wentw'th	b	114 83	0	
Young...	b	91 63	0	
Wellgo'ng	b	84 61	0	
Hay....	b	111 88	0	
Moss Vale	b	75 56	0	
Goulburn	b	85 51	0	
Wagga...	c	102 73	0	
Cape Geo.	b	75 60	0	
Queanb'n	b	93 69	0	
Penrith..	b	107 77	0	
Nowra...	b	76 65	0	
Braidw'd	b	109 ..	0	
Albury		— 66	0	
B'd'lla	b	80 48	0	
Cooma..	b	86 49	0	
Eden..	b	74 63	0	
Tabe..		— —	—	

CLOUDY ON S COAST
SYDNEY 73 62 Rain 0·000

18 102 A 38 29 86 F92 D 42 29 94 F 85 42 29 83 F 100 42 29 82 F 97

43 — 88 Re 23 — 82 28 — 86 P 23 95 M CO S — 72 WP 28 — 67 Go E 28 — 72 Ma 28 — 71 CG 28 — 69 Wg 14 — 73 S 4 — 69 N — — 74 PM 14 — 72 C 42 — 72 B 13 — 83 R 13 79

WIND SCALE.
0-Calm
1-Light breeze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
n-Threatening

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W — E
S

Barometers fallen about 0·15 on S coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 20 1892 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 24 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 20 0·397.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	m'x	m'n	r'fn
Casino..	b	90 57		0
Tenterfield	b	90 56		0
Morse....	b	99 75		0
Grafton..	b	92 66		0
Gl'n Inn's	b	95 52		0
Inverell..	b	91 67		0
Bourke ..	b	108 55		0
Narrabri	b	103 —		0
Armidale	b	83 —		0
Bendem'r	o	97 48		0
Canned'h	b	102 56		0
Coonamb'e	b	104 54		0
Tamworth	b	98 57		0
Coonab'rab	b	102 59		0
P.Macqrie	b	79 60		0
Wilcannia	b	118 97		0
Murr'undi	b	89 67		0
Cassilis..	b	103 62		0
Mus'or'ok	b	98 63		0
Dubbo....	b	94 70		0
Merriudie	b	111 90		0
Mudgee...	b	97 62		0
Maitland.	c	89 63		0
Hill End	b	98 —		0
Newcastle	b	86 65		0
Grange..	c	91 68		0
Bathurst	b	98 67		0
40 59	E			
Forb's	b	103 75		0
Mt Victoria	b	99 61		0
Cundob'in	b	101 75		0
Picton..	g	85 64		0
Carcoar..	g	87 71		0
Wentw'th	b	114 81		0
Young...	g	103 76		0
Wollgo'ng	g	82 62		0
Hay....	b	112 86		0
Moss Vale	b	83 62		0
Euston...	b	117 —		0
Goulburn	b	101 75		0
Wagga...	g	107 79		0
Cape Geo.	g	75 60		0
Queanb'n	b	100 67		0
Deniliq'in	g	113 84		0
Moruya..	—	—	—	—
Kiandra..	b	100 70		0

Albury	b	75	0
Bathurst	—	—	—
Casino	g	97 69	0
Eden	g	74 64	0
Gabo	—	—	—

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth heavy very heavy.

42 29 76 S 99

CLOUDY ON COSAT
SYDNEY 0 76 65 Rain 0·000

29 74 S 101

98 29 76 E 88

11 29 75 E 88

WIND SCALE.
13-Lt'k brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
G-Whole ..

3 70

3 —— 32

28 —— 76

PM 14 —— 75

2 —— 71

6 —— 70

14 —— 71

28 —— 86

14 —— 72

23 —— 62

13 —— 67

40 —— 63

40 —— 62

28 —— 67

0 82

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL.
Drops at 1 p.m. S M
or 21h 55m 9·198s m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers fallen about 0·35 on E coast For note to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January . 21 0·477
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

	9 A.M.	3 P.M.	9 P.M.
·4			
·2			
30·0			
·8			
·6			

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE.
M's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

28 29 63F 109

CLOUDY ON COAST
SYDNEY c 79 58 Rain 0·080

42 29 63F 92

14 29 69F 89

Barometers risen abou 0·1 on S.W. coast For note to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations	W.	B.P.	M.	Rain
Casino..	b	105	59	0
Tenterfield	b	94	68	0
Mones....	b	104	76	0
Grafton..	b	98	69	0
Gl'n Inn's	b	96	65	0
Inverell..	b	93	73	0
Bourke ..	b	111	86	0
Narrabri	b	112	70	0
Armidale	c	90	—	0
Bendem'r	o	97	55	0
Ganned'h	b	105	70	0
Coonam'le	t	110	74	0
Tamworth	b	113	69	0
Coonab'rn	b	105	59	0
P. Macqrie	b	87	70	0 03
Wilcannia	—	—	—	—
Murr'undi	b	91	71	0
Cassilis..	b	103	72	0
Mus br'ok	b	105	77	0
Dubbo....	b	104	83	0
Menindie	—	—	—	—
Mudgee..	b	104	74	0
Maitland.	b	85	70	0
Hill End.	b	91	—	0
Newcastle	g	84	65	0
Orange..	o	95	65	0
Bathurst	b	98	67	0
	E			
Forb's	b	110	76	0
Mt Vict'ria	b	91	61	0
Condob'in	b	104	75	0
Picton..	g	92	65	0
Carcoar..	b	90	74	0
Wentw'th	—	—	—	—
Young...	b	102	74	0
Wollgo'ng	b	84	65	0 07
Hay.....	b	115	82	0
Moss Vale	b	93	63	0
Euston...	—	—	—	—
Goulburn	g	103	62	0
Wagga...	b	110	78	0
Cape Geo.	g	77	60	0
Queanb'n	b	103	68	0
Deniliq'in	b	111	73	0
Moruya..	p	74	63	0 03
Braidw'd..	c	90	58	0

Alb'ry	b	—	73	0
B'd'lla	g	92	61	0 05
Cooma	o	87	60	0
Eden	g	84	63	0 13
Gabo	—	—	—	—

WEATHER MAP.

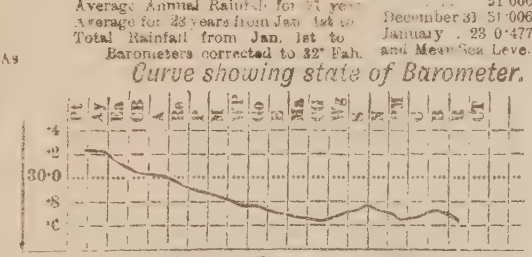
COMPILED from TELEGRAMS for 9 A.M., JAN. 23 1882 with N[illegible] to 8 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long.* 10h 4m 50·8s E

Average Annual Rainfall for 41 years [illegible] 51·006.
Average for 28 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 23 0·477
Barometers corrected to 32° Fah. and Mean Sea Level.

Curve showing state of Barometer.



Fine, Cloudy, T.storm, Raining
wind N. wind E. wind S. wind W
When CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

WIND SCALE. 1-Li't brze 3-Mod. " 4 Fresh " 5-6 Strg gale 7-10 Whole "

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-T[illegible]
v-Threatening

TIME BALL.
Drops at [illegible]
or 2h 55m 9·19s p.m.
Greenwich Mean Time
MAG. VAR. 9° 30′ E

CLOUDY ON S COAST
SYDNEY b 84·70 Rain 0·000

Barometers risen about 0·2 on S.W. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

[illegible]	b	100·78		0
Centerfld	c	102·65		0
Moree	g	115·89		0
Grafton	b	98·69		0
Gl'n Inn's	b	101·68		0
Inverell	–	—	—	—
Bourke	b	109·84		0
Narrabri	b	120·85		0
Armidale	g	89		0
Bendem'r	g	101·74		0
Gunned'h	g	110·81		0
Coonamble	b	117·84		0
Tamworth	b	121·77	0	0·05
Coonab'rm	b	108·72		0
P. Macqrie	b	93·73		0
Wilcannia	b	108·76		0
Murr'undi	b	94·77		0
Cassilis	b	105·83		0
Mus'br'ok	b	95·79		0
Dubbo	b	107·80		0
Menindie	b	102·71		0
Mudgee	b	110·74		0
Maitland	b	89·69		0
Hill End	b	97	—	0
Newcastle	b	83	60	0
Orange	o	97·68		0
Bathurst	o	102·68		0
8 67	E			
Forb's	b	112·80		0
Mt. Vict'ria	b	86·70		0
Condob'lin	–	—	—	—
Picton	b	87·66		0
Carcoar	b	96·72		0
Wentw'th	c	97·66		0
Young	b	108·75		0
Wollgo'ng	–	—	—	—
Hay	–	—	—	—
Moss Vale	b	84·65		0
Kuston	b	99·66		0
Goulburn	b	96·61		0
Wagga	b	107·89		0
Cape Geo.	b	82·65		0
Queanb'n	b	105·68		0
Deniliq'in	b	106·68		0
Moruya	b	76·62		0
Kiandra	b	110·88		0
Albury	b	—	84	0
B'd'lla	b	79	62	0
Cooma	b	95	56	0
Eden	b	79	65	0
Gabo	–	—	—	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : JAN. 24 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 81*s* *E*

Average Annual Rainfall for 21 years ..... 51·006
Average for 23 years from Jan. 1st to December 31 51·006
Total Rainfall from Jan. 1st to January . 24 0·477
Barometers corrected to 32° Fah. and Mean Sea Leve.

Stations.	w't	M'x	M.		R'in
Casino..	b	112	77		0
Tenterfild.	b	105	68		0
Moree....	b	114	84		0
Grafton..	g	103	77		0
Gl'n Inn's	b	102	68	0	03
Inverell..	b	100	79	0	01
Bourke...	b	106	81		0
Narrabri	b	119	76		0
Armidale	b	94	—	0	39
Bendem'r	b	105	73		0
Gunned'h	b	120	76		0
Coonam'le	b	113	76		0
Tamworth	b	118	68		0
Coonab'rn	b	109	53		0
P.Macqrie	c	85	73		0
Wilcannia	b	107	89		0
Murr'undi	c	103	76		0
Cassilis..	g	107	71		0
Mus'br'ok	g	114	70		0
Dubbo....	b	105	73		0
Menindie	b	99	65		0
Mudgee..	b	108	72		0
Maitland.	g	102	72		0
Hill End..	b	95	—		0
Newcastle	c	91	67		0
Orange..	b	94	63		0
Bathurst	o	90	66		0
8 72 E					
Ferb's	b	110	75		0
Mt Vict'ria	g	98	57		0
Condob'ln	b	93	62		0
Picton..	g	103	62		0
Carcoar..	b	93	71		0
Wentw'th	b	82	58		0
Young....	b	105	66		0
Wollgo'ng	c	100	65		0
Hay.....	b	105	62		0
Moss Vale	c	97	60		0
Euston...	b	86	58		0
Goulburn	b	99	54		0
Wagga...	b	100	66		0
Cape Geo.	c	90	61		0
Queanb'n	b	99	64		0
Deniliq'in	b	92	60		0
Moruya..	g	77	59		0
Kiandra...	o	107	90		0

	w't	M'x	M.		R'in
Albury	b	99	64		0
B'd'lla	b	84	53		0
Cooma	o	94	55		0
Eden	b	80	62		0
Yabo	—	—	—		—

As 23 30 22 R 81 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ea Ge Wg S N PM C B R CT

30·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

28 29 90 R 97

CLOUDY ON COAST
SYDNEY g 92 69 Rain 0·000

42 30 20 R 58

3 70 A 42 30 03R 67 D

18 61 Re 13 61 13 67 M P 28 62 13 58 WP 18 58

0 30 09R 74 CG 28 68 Mo E 14 65 29 36

B 3 93 G 42 80 PM 42 75 N 72 S 72 W9 28 72

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'l's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 0 83

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers fell about 0 30 on E. coast. For notes to 3 p.m. see under [illegible] News

H. C. RUSSELL

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 25 1882 with NOTES to 8 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81 *E.*

Average Annual Rainfall for 21 years . . . . . 51·006
Average for 23 years from Jan. 1st to December 31 51·006
Total Rainfall from Jan. 1st to January 25 0·477
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	W.	M.V.	M.R.	R'fall
Casino..	c	95	71	0
Tenterfield	c	98	67	0
Moree....	b	112	82	0
Grafton..	g	98	73	0
Gl'n Inn's	g	100	66	0
Inverell..	b	98	75	0
Bourke ..	b	101	77	0
Narrabri	b	115	71	0
Armidale	g	92	—	0 02
Bendem'r	g	104	69	0
Gunned'h	b	115	68	0
Coonam'le	b	106	70	0
Tamworth	b	111	70	0
Coonab'rn	b	104	33	0
P.Macqrie	r	89	68	0 02
Wilcannia	b	95	69	0
Murr'undi	g	90	71	0
Cassilis..	g	95	68	0
Mus'br'ok	o	99	66	0
Dubbo...	b	101	73	0
Menindie	b	82	69	0
Mudgee..	b	102	68	0
Maitland.	g	86	67	0
Hill End.	b	91	—	0
Newcastle	g	83	66	0 02
Orange..	b	91	62	0
Bathurst	b	96	63	0
8 67				
Forb's	b	101	75	0
Mt Vict'ria	g	81	54	0 03
Condob'lin		—	—	—
Picton..	d	81	62	0 11
Carcoar..	b	88	67	0
Wentw'th	b	83	55	0
Young...	b	103	64	0
Wollgo'ng	-	—	—	—
Hay....		—	—	—
Moss Vale	g	80	58	0 05
Euston...	b	89	53	0
Goulburn	g	90	54	0
Wagga...	b	98	60	0
Cape Geo.	c	77	57	0
Queanb'n	b	88	65	0
Deniliq'in	b	87	59	0
Moruya..	-	—	—	—
Kiandra..	c	106	86	0

Albury	b	98	61	0
B'd'lla	-	—	—	—
Cooma	c	89	56	0
Eden	b	77	57	0
Gabo	-	—	—	—

23 30 22 R 80

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M Ba Go E Ma CG Wg S N PM C B R CT

·4
·2
30·0
·8
·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29 90 S 90

CLOUDY ON COAST
SYDNEY g 75 68 Rain 0·000

28 30 21 R 65

8 69 A 14 30 05 R 63 D

13

28 30 04 R 74

3 75 Re 8 62

28 63 P M CO

3 62 WP 13 63

Wg CG 28 65 Ma E 14 71 Go

B 3 88
G 42 72
PM 14 69
N 68
S 8 69

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
MI'S
13-Li't brze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 3 83

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers risen about 0·05 on E coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., . JAN. 26 18[illegible] with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·88*s.* E.

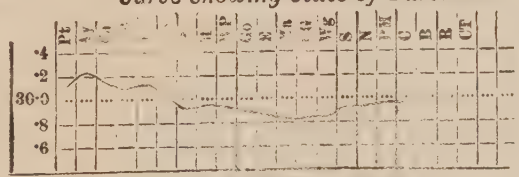
Average annual [illegible] fall [illegible] — 21 years 61·006

Average for 23 [illegible] 1st to December 31 51·006,

Total Rainfall [illegible] Jan. 1st to January 26 0·524

Barometers corrected to 32° Fah and Mean S[illegible] e

Curve showing state of Barometer.



[illegible] wind N. wind E. wind S. wind

If it is M, the symbol is used without the arrow.

smooth. heavy very heavy.

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Thr'tening

Drops at 1 p.m. [illegible]
or 2h 55m 9·19s [illegible]
Greenwich M'n Time
MAG VAR. 9° 35 30 E

28 29 83 F 89

CLOUDY ON SW COAST
SYDNEY c 73 64 Rain 0·047

28 30 12 F 65

14 29 99F 68

0 29 93F 71

Barometers fallen about 0·15 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.				
[illegible]	c	92	70	0
Tenterfield	c	84	65	0
Moree....	–	—	—	—
Grafton...	g	84	71	C
Gl'n Inn's	b	97	65	0 28
Inverell...	b	93	72	0 45
Bourke...	b	99	79	0
Narrabri	–	—	—	—
Armidale	g	76	—	0 46
Bendem'r	b	88	57	0 07
Gunned'h	–	—	—	—
Coonam'le	–	—	—	—
Tamworth	g	115	67	0 43
Coonab'rn	b	105	53	0
P. Macqrie	c	74	69	0
Wilcannia	h	90	70	0
Murr'undi	–	—	—	—
Cassilis..	g	97	65	0
Mus'br'ok	b	84	60	0
Dubbo...	b	96	70	0
Menindie	b	86	66	0
Mudgee..	b	93	67	0
Maitland.	g	86	67	0
Hill End.	b	84	—	0
Newcastle	g	84	65	0
Orange..	b	89	60	0
Bathurst	b	88	58	0
8 67	E			
Forb's	b	85	73	0
Mt Vict'ria	–	—	—	—
Cmdob'lin	b	93	61	0
Picton..	c	79	62	0 01
Carcoar..	b	87	63	0
Wentw'th	b	86	56	0
Young...	b	100	61	0
Wollgo'ng	b	74	61	0
Hay....	b	90	53	0
Moss Vale	b	66	57	0 02
Euston...	b	90	52	0
Goulburn	b	69	53	0
Wagga...	o	97	61	0
Cape Geo.	b	77	53	0
Queanb'n	b	93	60	0
Deniliq'n	b	89	56	0
Moruya...	b	68	58	0
Kiandra..	b	95	73	0
Albury	b	97	55	0
B'd'lla	b	68	51	0
Cooma	b	89	47	0
Eden	b	75	57	0
Jabo	–	—	—	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 27 1882 with NOTES to 3 P.M.

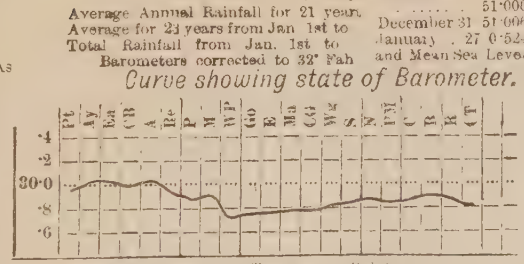
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years . . . . . 51·006
Average for 23 years from Jan 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January . 27 0·524
Barometers corrected to 32° Fah and Mean Sea Level.

Stations.	Wt	Mx	Mn	Rain
Casino	b	96	73	0
Tenterfield	b	95	67	0
Moree	b	98	78	0
Grafton	c	96	73	0·05
Gl'n Inn's	b	93	62	0·17
Inverell	b	95	70	0
Bourke	b	101	73	0
Narrabri	b	106	70	0
Armidale	c	84	—	0
Bendem'r	b	95	69	0
Gunned'h	t	105	69	0
Coonamble	b	109	70	0
Tamworth	b	104	66	0
Coonab'rn	b	100	58	0
P.Macqrie	b	89	69	0
Wilcannia	—	—	—	—
Murr'undi	b	89	72	0·20
Cassilis	b	103	63	0
Mus'br'ok	b	103	71	0
Dubbo	b	97	71	0
Menindie	b	89	65	0
Mudgee	b	101	63	0
Maitland	g	71	71	0
Hill End	b	86	—	0
Newcastle	b	81	68	0
Orange	b	88	58	0
Bathurst	b	93	53	0
Forb's	b	95	67	0
Mt Vict'ria	b	92	69	0
Condob'lin	b	86	58	0
Picton	n	92	60	0
Carcoar	b	85	67	0
Wentw'th	b	88	56	0
Young	b	99	58	0
Wollgo'ng	b	90	68	0
Hay	b	90	56	0
Moss Vale	b	66	57	0·02
Euston	b	90	56	0
Goulburn	b	92	57	0
Wagga	b	96	62	0
Cape Geo.	b	84	90	0
Queanb'n	b	93	56	0
Deniliq'in	b	90	58	0
Moruya	g	78	63	0
Kiandra	b	90	65	0
Albury	b	95	63	0
B'd'lla	b	83	61	0
Coouma	b	90	45	0
Eden	b	75	63	0
Gabo	—	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
n-Threatening

WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s p.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

CLOUDY ON S COAST
SYDNEY c 77 69 Rain 0·000

56 29 84 R 89
28 30 06 F 66
14 29 94 F 66
14 2·9 91 8 73
13 70 A
8 63
23 63 Re
40 63 P
13 67 M
48 59 Co
48 60 WP
Go
Ma
E 14 70
CG 14 75
Wg 0 77
S 4 74
N 78
PM 0 73
G 7 28 89
B 3 90
3 82
R

Barometers fallen about 0·06 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN. 28 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long.* 10h. 4m. 50·91s *E.*

Average Annual Rainfall for 31 years ..... 51·000
Average for 23 years from 1859 to December 31 51·000
Total Rainfall from Jan. 1st to January 5 28 0·521
Range between corrected 30s Rain and Mean Sea Level

Curve showing state of Barometer.

	Pt	Ay	Ea	CB	A	R+	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
30·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

Stations.	W'b	M'x	M'n	Rain
Casino..	b	106	67	0
Tenterfield	b	96	65	0 26
Moree....	b	100	80	0
Grafton..	b	106	77	0 85
Gl'n Inn's	b	100	61	0 01
Inverell..	b	93	71	0
Bourke ..	b	102	76	0
Narrabri	b	109	75	0
Armidale	b	83	—	0
Bendem'r	b	100	61	0 04
Gunned'b	b	105	52	0
Coonamble	b	107	65	0
Tamworth	b	108	30	0
Coonab'rn	b	103	54	0
P.Macqrie	b	85	70	0
Wilcannia	b	104	68	0
Murr'undi	b	95	69	0
Cassilis..	b	102	62	0
Mus'br'ok	b	107	70	0
Dubbo...	b	94	70	0
Menindie	-	—	—	—
Mudgee..	b	102	60	0
Maitland.	b	93	72	0
Hill End.	b	87	—	0
Newcastle	b	87	71	0
Orange..	b	90	59	0
Bathurst	b	93	52	0 72
28 89		8.		
Forb's	b	97	69	0
Mt Vict'ria	b	92	54	0
Condob'lin	-	—	—	—
Picton..	m	93	60	0
Carcoar..	-	—	—	—
Wentw'th	b	92	61	0
Young...	b	99	57	0
Wollgo'ng	b	81	66	0
Hay....	-	—	—	—
Moss Vale	b	91	59	0
Euston...	b	93	53	0
Goulburn	b	93	54	0
Wagga...	b	94	57	0
Cape Geo.	-	—	—	—
Queanb'n	b	93	58	0
Deniliq'n	b	92	59	0
Moruya...	b	80	69	0
Kiandra..	b	100	76	0

Alb'ry	b	96	55	0
Bal'lla	b	90	59	0
Cooma	b	87	49	0
Eden	b	75	54	0
Gabo	-	—	—	—

WEATHER.
b-Breezy,
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. Miles
1-Light breeze
20-Moderate "
34-Brisk "
58-Strong gale
Gr. Whole "

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

FINE GENERALLY
SYDNEY b 83 70 Rain 0·000

28 29 90 R 90
14 30 05 S 79
0 2993 F 72
0 29 98R74

Barometers risen about 0·10 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JAN 30 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long* 10*h.* 4*m.* 50·81*s* E

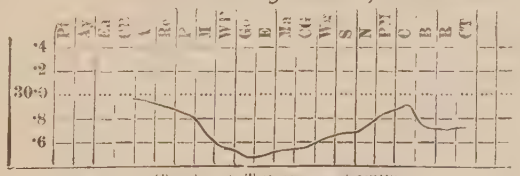
Average Annual Rainfall for 21 years 51·005

Average for 23 years from Jan. 1st to December 31 51·005

Total Rainfall from Jan 1st to January 30 0·524

Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
j-Lightning
k-Misty
l-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M'ls
13-Li't breeze
23-Mod. ..
34-Fresh ,,
56-Strg gale
65-Whole ..

TIME BALL

Drops at 1 p.m. S M
or 2h 55m 9·198s p.m.
Greenwich M'n Time
MAG VAR 9° 35 30 E

..mo..	b	103	67		0
enterfld	b	84	63	0	10
Moree....	b	104	78		0
Grafton..	b	94	76		0
Gl'n Inn's	g	95	59	2	24
Inverell..	b	91	65	0	18
Bourke ..	g	110	78	0	70
Narrabri	b	116	69		0
Armidale	b	92	—		0
Benden'r	b	100	64		0
Gunned'h	b	111	75		0
Coonam'le	b	105	63		0
Tamworth	b	112	67		0
Coonab'rn	b	101	62		0
P.Macqrie	b	85	72		0
Wilcannia	b	103	69		0
Murr'undi	b	99	80		0
Cassilis..	g	105	82		0
Mus'br'ok	b	110	79		0
Dubbo...	c	104	73		0
Menindie	b	103	73		0
Mudgee..	g	102	70		0
Maitland.	b	90	71		0
Hill End.	b	93	—		0
Newcastle	b	90	69		0
Orange..	b	94	60		0
Bathurst	b	99	60		0
		6			
orb's	b	103	76		0
Mt Vict'ria	b	100	71		0
Condob'ln	b	95	59		0
Picton..	m	98	66		0
Carcoar..	b	91	78		0
Wentw'th	b	81	69		9
Young...	g	104	68		0
Wollgo'ng	–	—	—		—
Hay....	b	107	70		0
Moss Vale	b	95	71		0
Euston...	b	119	75		0
Goulburn	b	101	55		0
Wagga....	g	105	58	0	13
Cape Geo.	b	79	65		0
Queanb'n	b	99	65		0
Deniliq'in	b	108	62		0
Moruya..	–	—	—		—
Kiandra..	c	92	76		0

Albury	b	—	55		0
B'd'lla	–	–	–		–
Cooma	q	95	52		0
Eden	f	78	66		0
Gabo	–	—	—		—

CLOUDY ON S COAST
SYDNEY h 91 72 Rain 0·000

49 29 74 F 80 S

42 29 81 F 76

42 29 60 F 82

56 29 85 F 91

B 23 — 78

C 42 — 80

PM 42 — 80

N 3 — 85

S 5 — 89

W 9

CG 14 — 77

E 0 — 72

G 42 — 65

WP 23 — 63

28 64 A

28 — 58

28 — 60 Re

23 — 85 P

13 60 M

CO

Ma

Barometers fallen about 0·25 on E coast For notes to 3 p.m. see under shipping news

W E S

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

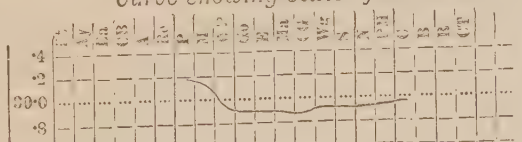
COMPILED from TELEGRAMS for 9 A.M., JAN. 31 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 51·003
Average for 25 years from Jan. 1st to December 31 51·006.
Total Rainfall from Jan. 1st to January 31 0·626
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. 13-Lt breze 23-Mod. ,, 34-Fresh ,, 56-Strg gale 65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
n-Threatening

TIME BALL
Drops at 1 p.m. S.M.
or 2h 35m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

5d 29 69 F 69

CLOUDY ON COAST
SYDNEY g 91 64 Rain 0 102

56 29 69 F 69

49 30 09 R 69

Barometers risen about 0·20 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

				Rain
[illegible]	b	1 04 71		0
[illegible]	c	95 65		0
[illegible]	g	95 75		0
[illegible]	g	95 75		0
Clarke's	r	94 58	0	01
Inverell	g	91 63	0	15
Bourke	g	105 68		0
Narrabri	g	1 00 70		0
Armidale	g	92 —		0
Tamworth	g	95 63		0
Gunnedah	g	100 75		0
Coonamble	—	— —		—
Tamworth	g	12 73		0
Cobar	c	97 63		0
P. Macquarie	c	84 71		0
Wilcannia	b	100 87		0
Murr'undi	r	96 77	0	06
Cassilis	g	105 78		0
Mus'br'ok	g	110 74	0	02
Dubbo	c	97 68		0
Menindie	b	93 57		0
Mudgee	g	1 01 70		0
Maitland	g	105 71	0	13
Hill End	b	89 —		0
Newcastle	r	98 65	0	40
Orange	g	93 53	0	22
Bathurst	g	93 59	0	17
		C		
Forb's	c	105 57	0	68
Mt Victoria	g	96 59	0	19
Condob'lin	c	64 80	0	25
Picton	g	102 61	0	20
Carcoar	g	92 60	0	72
Wentw'th	b	78 49		2
Young	g	90 54	0	19
Wollgo'ng	b	100 60	0	26
Hay	b	99 52		0
Moss Vale	g	97 56	0	25
Braidwood	—	— —		—
Goulburn	g	96 55	0	70
Wagga	—	— —		—
Cape Otway	g	79 54	0	37
Queanb'n	c	— —	0	18
Benilla	—	— —		—
Moruya	g	86 56	0	94
Alexandra	—	— —		—
Albury	b	99 59		0
Hill Plain	g	94 54	0	69
Coonamble	g	82 45	0	03
Eden	b	91 55	0	26
Dubbo	g	— —	0	07

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 2 FEB., 1 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years . . . . . 50·975
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February 1 0·026
Barometers corrected to 32° Fah. and Mean Sea Leve

Curve showing state of Barometer.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY ON NE COAST
SYDNEY g 68 63 Rain 0·000

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Barometers risen about 0·35 on E coast For notes to 3 p.m. see under shipping news

Stations				
Casino	c	1·1 27		0
Tenterfield	g	81 53	1	12
Moree	g	91 73		0
Grafton	g	94 72	0	12
Ol'n Inn's	g	92 51	0	22
Liverpool	g	87 47		0
Bourke	b	85 62	0	01
Narrandera	g	99 58		0
Armidale	g	71 —	0	25
Bendem'r	g	57 38	0	03
Gunnedah	g	95 57		0
Coonamble	—	81 61		0
Tamworth	c	92 55	0	10
Cootamundra	c	80 54		0
P. Macquarie	c	74 62	0	47
Wilcannia	b	95 58		0
Murrumbidgee	g	80 60	0	50
Cassilis	g	85 57		0
Muswellbrook	g	76 59		0
Dubbo	b	81 63		0
Menindie	b	78 58		0
Maclean	g	94 55		0
Maitland	g	70 62		0
Hall End	b	78 —		0
Newcastle	g	75 57	0	05
Orange	b	67 48		0
Bathurst	b	72 50		0
[illegible]				
Forb's	—	—	—	—
Mt Victoria	g	65 54	0	02
Condob'lin	—	—	—	—
[illegible]	b	69 52		0
[illegible]	b	72 53		0
Wellington	b	75 52		0
Young	—	—	—	—
Wellgo'ng	—	—	—	—
Hay	—	—	—	—
Moss Vale	b	65 50	0	22
Euston	b	57 51		0
Goulburn	b	71 45		0
Wagga	b	77 41		0
Cape Geo.	b	68 55		0
Queanb'n	—	—	—	—
Deniliq'in	b	74 50		0
Moruya	b	74 48		0
Kiandra	b	75 48		0
Albury	b	80 45		0
B'd'Fla	b	74 39		0
Cooma	b	66 36		0
Eden	b	70 54		0
Jabo	b	— —		0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB.. 2 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·975

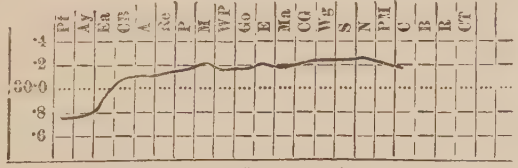
Average for 23 years from Jan. 1st to January 31 3·359.

Total Rainfall from Jan. 1st to February. 2 0·626

Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	w't	m'x	M.	R'fn
Casino..	b	74·60		0
Tenterfield	g	64 51	0	0·1
Moree....	g	89·68		0
Grafton..	b	84·61		0
Gl'n Inn's	g	93·48		0
Inverell..	b	82·56		0
Bourke ..	g	87·72		0
Narrabri	g	93·52		0
Armidale	g	68·—		0
Bendem'r	o	71·73		0
Gunned'h	g	86·55		0
Coonamle	b	90·62		0
Tamworth	b	85·51		0
Coonab'rn	c	81·51		0
P.Macqrie	c	74·55		0
Wilcannia	b	104·75		0
Murr'undi	b	73·56		0
Cassilis..	b	78·51		0
Mus'br'ok	b	80·53		0
Dubbo...	b	81·62		0
Menindie	b	82·69		0
Mudgee..	b	77·54		0
Maitland.	b	77·56		0
Hill End.	b	83·—		0
Newcastle	b	83·57		0
Orange..	b	71·50		0
Bathurst	b	74·50		0
♂ 8 77		6		
Forb's	b	83·60		0
Mt Vict'ria	c	74·46		0
Condob'lin	b	74·53		0
Picton..	b	73·48		0
Carcoar..	b	71·49		0
Wentw'th	b	84·60		0
Young...	b	86·55		0
Wollgo'ng	–	—·—		—
Hay....	b	91·51		0
Moss Vale	b	69·48		0
Euston...	b	88·58		0
Goulburn	b	77·45		0
Wagga...	b	85·56		0
Cape Geo.	b	74·43		0
Queanb'n	–	—·—		—
Deniliq'n	b	85·54		0
Moruya..	b	70·49		0
Nandra..	b	77·50		0
Albury	b	88·54		0
B'd'lla	b	75·43		0
Cooma	b	79·40		0
Eden	b	74·55		0
Gabo	b	—·—		0

Curve showing state of Barometer.



Fine, Cloudy, T.storm, Raining
wind N. wind E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALES.
1-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

42 30 07 R 73

FINE GENERALLY
SYDNEY c 72 58 Rain 0·000

28 30 24 F 76

14 30 19F 72

14 30 23 F 71

Barometers fallen about 0·10 on S coast. For notes to 3 p.m. see wharf shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB.. 3 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·9 5
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February . 3 0·626
Barometers corrected to 32° Fah. and Mean Sea Level

Stations	W	MX	M.	Rain
Casino..	c	81	64	0 05
Tenterfield	p	68	55	0 01
Moree....	s	88	70	0
Grafton..	p	82	60	0
Gl'n Inn's	d	92	54	0
Inverell..	g	78	50	0
Bourke ..	g	76	65	0
Narrabri	g	87	64	0
Armidale	g	66	—	0
Bendem'r	o	70	38	0
Canned'h	g	86	54	0
Cootamble	-	—	—	—
Tamworth	c	89	66	0
Coonab'rn	c	81	63	0
P.Macqrie	c	76	63	0 07
Wilcannia	g	90	61	0
Murr'undi	g	74	61	0
Cassilis..	g	87	67	0
Mus'br'ok	g	87	62	0
Dubbo...	c	83	70	0
Menindie	b	93	66	0
Mudgee..	g	83	65	0
Maitland.	g	79	64	0
Hill End.	d	80	—	0
Newcastle	g	82	60	0
Orange..	g	80	58	0
Bathurst	g	83	59	0
Forb's	g	82	56	0
Mt Vict'ria	c	79	52	0
Condob'lin	g	79	63	0
Picton..	g	82	53	0
Carcoar..	g	75	62	0
Wentw'th	b	98	69	0
Young...	g	88	74	0
Wollgo'ng	b	81	60	0
Hay....	c	95	65	0
Moss Vale	b	75	54	0
Euston...	b	99	67	0
Goulburn	b	84	53	0
Wagga...	g	91	62	0
Cape Geo.	b	75	55	0
Queanb'n	-	—	—	—
Deniliq'n	b	95	62	0
Moruya..	b	75	56	0
Kiandra..	b	80	53	0

Albury	b	99	56	0
B'd'lla	b	80	50	0
Cooma	c	98	42	0
Eden	b	74	58	0
Gabo	b	—	—	0

As 0 29 95 F 81

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma CG Ws S N PM C R T

·4
·2
30·0
·8
·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30 00 F 70

CLOUDY IN N.S.W.
SYDNEY c 74 57 Rain 0·000

28 30 12 F 79

14 30 08 F 70

0 30 11 F 71

WIND SCALE.
MPH
13-Lt breeze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers fallen about 0·15 on E coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 5 FEB., 4 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* E.

Average Annual Rainfall for 21 years ....
Average for 23 years from Jan 1st to January 31 5·359,
Total Rainfall from Jan. 1st to February 4 0·653
Barometers corrected to 32° Fah and mean Sea Level.

Curve showing state of Barometer.

Stations				
...	b	82 59		0
Inverell	f	69 55		0
Maitland	b	88 71		0
Grafton	g	73 83	0	10
Glen Innes	g	80 58		0
Inverell	b	70 55		0
Bourke	g	74 66	0	24
Narrabri	b	100 62		0
Armidale	c	68 —		0
Bendemeer	c	77 47		0
Gunnedah	c	92 68		0
Coonamble	—	— —		
Tamworth	c	94 66		
Coonabarabran	g	82 65	0	05
P. Macquarie	b	76 65		0
Wilcannia	b	90 66		0
Murrumbidgee	g	74 65		0
Cassilis	r	78 68	0	05
Muswellbrook		85 66	0	01
Dubbo	g	88 63	0	09
Merriwa	b	88 65		0
Mudgee	c	73 64	0	10
Maitland	p	83 67	0	13
Hill End	c	80 —		0
Newcastle	r	78 66	0	04
Orange	c	73 60		0
Bathurst	b	74 62	0	02
Forb's	g	84 56		0
Mt Victoria	b	73 56	0	05
Condobolin	c	75 62		0
Picton	b	80 58	0	03
Carcoar	g	72 65		0
Wentworth	b	94 68		0
Young	g	84 54		0
Wolkolong	—	— —		—
Hay	b	82 62		0
Moss Vale	b	79 61		0
Euston	b	93 66		0
Goulburn	b	84 57		0
Wagga	g	90 55		0
Cape Geo.	b	78 62		0
Queanbeyan	—	— —		—
Deniliquin	b	89 61		0
Moruya	—	— —		—
Shandra	b	110 73		0

Stations				
Albury	b	91 56		0
Bald Hills	—	— —		—
Cooma	b	92 55		0
Eden	—	— —		—
Gabo	—	— —		—

WIND SCALE.
1-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

Greenwich M'n Time

Cloudy, Storm, Gaining wind N. wind E. wind S. wind W
If it is CALM the symbol is used without the arrow
Sea smooth, heavy, very heavy.

CLOUDY IN N.S.W.
SYDNEY b70 67 Rain 0·027

28 29 88 F 73
28 29 99 F 73
14 2095 F 78
14 30 03 F 74

Barometers fallen about 0·15 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., . FEB., 6 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long* 10*h.* 4*m.* 50 Sts. E

Average Annual Rainfall for 21 years ..... 50·975

Average for 23 years from Jan 1st to January 31 3·359.

Total Rainfall from Jan. 1st to February 6 0·851

Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	W'r	Rain	Max.	Min
Casino..	b	92	64	0
Tenterfld	g	83	62	0
Moree....	g	91	75	0
Grafton..	g	86	61	0
Cl'n Inn's	g	88	52	0
Inverell..	–	—	—	—
Bourke ..	r	79	66	3 78
Narrabri	r	102	68	0
Armidale	c	80	–	0
Bendem'r	c	82	–	0
Gunned'h	r	100	71	0
Coonam'le	r	[illegible]	[illegible]	36
Tamworth	c	102	69	0 03
Coonab'rn	r	86	61	1 27
P.Macqrie	g	83	70	0
Wilcannia	g	90	64	0
Murr'undi	r	84	68	0 23
Cassilis..	r	75	63	0 43
Mus'br'ok	r	100	70	0 14
Dubbo...	r	80	71	0 52
Menindie	b	95	70	0 16
Mudgee..	r	90	66	0 19
Maitland.	r	96	68	0 22
Hill End.	g	75	–	0 10
Newcastle	r	85	68	0 10
Orange..	g	74	64	0 13
Bathurst	g	83	65	0 17
13 66	g			
Forb's	g	79	55	0
Vict'ria	g	76	59	0 24
Condob'lin	g	74	61	0
Picton..	d	89	65	0 04
Carcoar..	g	77	67	0
Wentw'th	b	89	61	0
Young....	g	72	67	0 03
Wollgo'ng	–	—	—	—
Hay....	b	95	62	0
Moss Vale	g	77	60	0 05
Euston...	b	95	60	0
Goulburn	g	92	60	0 03
Wagga...	b	95	64	0 52
Cape Geo.	b	89	61	0
Queanb'n	–	—	—	—
Deniliq'n	b	95	47	0
Moruya..	p	90	64	0 03
Kiandra..		100	89	2 00

Albury	b	99	70	0
B'd'Ha	d	95	59	0 78
Cooma	c	92	80	0
Eden	b	82	62	0
Dubbo	g	—	—	0

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt'r brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL.
Drops at 1 p.m. M
or 2h 55m 9·19s
Greenwich M'n Time
Mag. Var. 9° 35 30 E.

Wind E. wind S. wind W
The symbol is used without the arrow
heavy very heavy.

RAINING IN N.S.W.
Sydney b 83 67 Rain 0·198

Barometers risen about 0·15 on S E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

	p			
	r			
	g			
Gl'n Inn's	r			
I	–			
Bourke ..	g	70	68	3 14
Narrabri	r	82	58	5 60
Armidale	r	71	—	3 00
Bendem'r	r	77	45	2 70
Gunned'h	r	75	30	3 51
Coonamble	–	—	—	—
Tamworth	r	8	57	1 31
Coonab'rn	r	69	62	2 52
P. Macqrie	–	—	—	—
Wilcannia	b			
Murr'mdi	r	73		1 60
Cassilis..	r	74		1 09
Mus'br'ok	r	77		0 54
Dubbo....	c	77	62	0 59
Merriodie	c	89	66	0
Mudgee..	g	74	41	0 27
Maitland.	p	74	63	0 24
Hill End.	g	75	—	0
Newcastle	g	75	64	0 09
Orange..	–	—	—	—
Bathurst	g	71	59	0 05
Forb's	b	85	64	0
Vict'ria	d	61	52	0 13
Condob'lin	g	78	60	0
Picton..	g	71	62	0
Carcoar..	b	75	53	0
Wentw'th	b	89	57	2
Young....	g	94	60	1 08
Wollgo'ng	g	75	60	0 26
Hay.....	b	93	56	0
Moss Vale	r	64	55	0 05
Euston...	b	98	53	0
Goulburn	g	68	54	0
Wagga....	g	92	54	0
Cape Geo.	c	77	54	0
Queanb'n	–	—	—	—
Deniliq'in	b	91	54	0
Merriya...	g	90	53	0 06
Kiandra..	b	89	63	0

COMPILED from Telegrams for 9 A.M., 21st January, 1879.

Sydney Observatory.

Lat. 33° 52′ 1″ S. Long. 10h. 4m. E.

Mean of 23 years ... January 31 ... 30·359.

... 1st to ... February ... 0·8 6

... and Mean ... 32° Fah.

Curve showing state of barometer.

Pt | Ad | Ba | CB | A | P | M | WP | Go | E | Ma | CG | Wg | S | N | PM | C | B | F | UT

·4
·2
30·0
·8
·6

Notes to 3 P.M.

M'l's Wind Scale.

13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

b-Hazy.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

Barom. at Sea Level.

Drops at 1 p.m. M.M. or 2h 55m 9·19s a.m. Greenwich M'n Time

MAG. VAR. 9° 35 30 E.

wind N. wind E. wind S. wind W.

If it is CALM the symbol is used without the arrow

sea smooth heavy very heavy.

42 29 82 E 70

RAINING IN N.S.W.

SYDNEY g 71 64 Rain 0·025

28 30 17 R 64

28 30 06R 64

28 30 09 R 70

Albury	b	99	63	0
B'dilla	b	68	58	0 06
Coonamble	c	82	49	0 02
Eden	b	68	56	0
Gabo	b	—	—	0

Barometers risen about 0·08 on S coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL,
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB. 8 1889 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *E.*

Average monthly Rainfall for 21 years ... 60·9·5

Average for 23 years from Jan 1st to ... January 31 3·359.

Total ... from Jan 1st to ... February 8 0·924

Barometers corrected to 32° Fah ... and Mean Sea Level

Curve showing state of Barometer.

18 30 02 R 83

Ft | Ay | Ea | CB | A | Fe | P | M | WP | Go | E | Ma | CG | Wg | S | N | T | C | B | Be | CT

·4
·2
30·0
·8
·6

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
[illegible]

Greenwich Mean Time ... 9h 45 30

wind E. wind S. wind W.

If it be CALM, the symbol is used without the arrow

sea smooth ... heavy ... very heavy

65 29 95 R 67

RAIN IN N.S.W.

SYDNEY g 68 65 Rain 0·038

14 30 24 R 70

28 30 25 R 68

3 80

B S 72

C 23 69

PM

N 9 68

S 16 65

W E

S

Barometers risen about 0·20 on S E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

[illegible]sino	r	85	64	1 44
Centerfield	p	72	59	1 58
Moree....	r	72	68	1 17
Grafton...	p	81	62	1 53
Gl'n Inn's	g	86	58	1 70
Inverell..	s	70	53	2 00
Bourke ..	g	70	66	0
Narrabri	g	81	56	1 60
Armidale	r	69	--	1 49
Bendem'r	g	70	59	1 90
Gunned'h	r	39	59	1 24
Coonam'le	q	71	61	0 01
Tamworth	c	81	59	0 49
Coonab'rn	g	67	57	0 22
P.Macqrie	-	—	—	—
Wilcannia	-	—	—	—
Murr'undi	g	67	60	0 40
Cassilis..	c	70	57	0 13
Mus'br'ok	g	69	59	0 12
Dubbo...	b	78	63	0
Menindie	-	—	—	—
Mudgee..	g	77	57	0 12
Maitland.	g	76	63	0
Hill End.	b	75	--	0 20
Newcastle	c	74	59	0
Orange..	b	74	51	0
Bathurst	b	69	54	0
[illegible]				
Forb's	b	89	63	0
Vict'ria	r	55	42	0 24
Condob'in	-	78	55	0
Picton..	d	66	57	0 20
Carcoar..	b	76	50	0
Wentw'th	-	—	—	—
Young...	b	85	55	0
Wollgo'ng	-	—	—	—
Hay....	b	95	60	0
Moss Vale	g	56	52	0 11
Euston...	b	91	60	0
Goulburn	b	62	51	0
Wagga...	b	84	56	0
Cape Geo.	b	71	55	0 05
Queanb'n	-	—	—	—
Deniliq'in	b	90	61	0
Moruya..	p	90	58	0
Kiandra..	g	70	53	0

Alb'ry	o	94	52	0
B'd'lla	p	68	54	6 28
Cooma	r	63	50	0 04
Eden	b	75	52	0 03
Gabo	g	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB. 9 1882 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m [illegible] E

Average Annual Rainfall for 21 years [illegible]

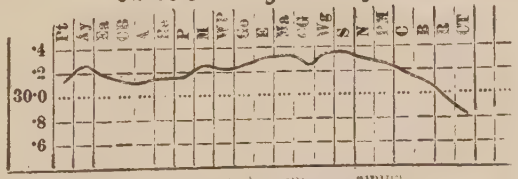
Average for 23 years from Jan 1st to [illegible]

Total Rainfall from Jan 1st to

January 31 3·359
February 9 0·924

Barometers corrected to 32° Fah and Mean [illegible]

Curve showing state of Barometer.



WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r Rain
t-Thun[illegible]
u-Threat[illegible]

M'S WIND SCALE.
13-Lt't brze
23-Mod. "
34-Fresh "
56-Strg gale
64-Whole "

[illegible] wind W

[illegible] very heavy.

53 30 05 R 69

WEATHER CLEARING

[illegible] c 73 64 Rain 0·000

28 30 27 R 81

14 30 27 R 68

0 30 33 R 66

8 89 A

13 69

8 73

8 65

Re

P

M

18 75

3 63

CO

WP 23 86

Ma 14 69

E 69

Go 13 67

CG 14 66

Wg 14 66

S 12 72

N 9 70

PM 42 72

B 3 71

R 3 75

W E S

Barometers risen about 0·05 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Casino	–	—	—	—
Lenten [illegible]	r	64	53	0 77
Moree	g	75	65	0 75
Grafton	–	—	—	—
Gl'n Inn's	r	85	56	0 22
Inverell	r	75	54	0 52
Bourke	b	76	33	0 02
Narrabri	g	78	53	0 06
Armidale	r	61	–	0 45
Bendem'r	g	59	48	0 04
Gunned'h	g	71	57	0 05
Coonamble	b	72	60	0
Tamworth	c	78	55	0 08
Coonab'rn	b	69	57	0
P.Macqrie	g	72	63	0 15
Wilcannia	b	97	66	0
Murr'undi	c	66	55	0
Cassilis	g	67	52	0
Mus'br'ok	g	71	60	0 01
Dubbo	b	75	62	0
Menindie	b	92	70	0
Mudgee	b	74	56	0
Maitland	b	73	64	0 07
Hill End	b	—	—	0
Newcastle	b	75	61	0
Orange	–	—	—	—
Bathurst	b	70	52	0
[illegible] 8 68 E				
Forb's	b	83	61	0
Vict'ria	b	65	45	0 06
Condob'lin	b	75	55	0
Picton	g	69	58	0
Carcoar	b	78	54	0
Wentw'th	b	95	68	0
Young	b	79	54	0
Wollgo'ng	g	79	61	0
Hay	b	90	63	0
Moss Vale	b	62	52	0
Euston	b	92	63	0
Goulburn	–	66	48	0
Wagga	b	82	52	0
Cape Geo.	b	74	57	0
Queanb'n	–	—	—	—
Deniliq'n	b	92	58	0
Moruya	b	66	59	0
Kiandra	b	34	62	0
Albury	b	90	59	0
B'd'lla	b	66	52	0
Cooma	b	65	54	0
Eden	b	74	56	0
Kiabo	g	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB. 10 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 5[illegible] S ; *Long.* 10h. 4m 50[illegible] E

Average Annual R[illegible] 21 years 50·95

Average for 23 [illegible] 1st to January 31 3·359

Total Rainfall [illegible] to February 10 0·958

Barometers corrected to 32° Fah and Mean Sea Level.

Curve showing state of Barometer.

13 30 04R 84

	Pt	Ay	Ba	CB	A	Re	P	M	WP	Co	E	Wa	C	W	E	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.Storm, wind S. Raining, wind W.

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

56 30 02 F 74

FINE GENERALLY

SYDNEY b 74 63 Rain 0·034

0 87 A 14 30 15F 76 D

23 67 Re

8 65 13 69 M

23 66 P CO

13 6 WP 8 65

Ma 14 67

E 14 67

Ge 14 68

CG 14 68

Wg

S 2 71

N 5 74

PM 28 71

C

B 3 69

R 3 74

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain

WIND & CALM.

Miles	Wind & Calm.
0·5	
13-Lt brze	
23-Mod. ,,	
34-Fresh ,,	
56-Stg gale	
65-Whole ,,	

Barometers fallen about 0·20 on E coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Casino..	–	—	—	—
Canterfild	p	63	57	0 73
Moree....	g	75	66	0 11
Grafton..	–	—	—	—
Gl'n Inn's	g	86	55	0 20
Inverell..	g	78	51	0 35
Bourke ..	b	77	63	0
Narrabri	g	78	55	0 03
Armidale	g	59	—	0 24
Bendem'r	c	68	54	0 03
Gunned'h	g	76	60	0
Coonamble	b	78	63	0 09
Tamworth	c	76	59	0
Coonab'rn	c	79	59	0
P.Macqrie	b	73	63	0
Wilcannia	b	94	67	0
Murr'undi	b	72	60	0
Cassilis..	g	75	63	0
Mus'br'ok	g	80	60	0
Dubbo...	b	83	66	0
Menindie	c	92	70	0
Mudgee..	b	84	58	0
Maitland.	b	77	61	0
Hill End.	b	74	—	0
Newcastle	b	88	62	0
Orange..	b	76	51	0
Bathurst	b	77	48	0
[illegible]	8	67	[illegible]	
Forb's	b	75	64	0
Vict'ria	b	65	50	0
Condob'lin	b	82	57	0
Picton..	b	75	53	0 03
Carcoar..	b	85	56	0
Wentw'th	b	97	74	0
Young...	b	89	57	0
Wollgo'ng	–	—	—	—
Hay.....	b	83	62	0
Moss Vale	n	69	51	0
Euston...	b	99	62	0
Goulburn	n	80	48	0
Wagga...	b	86	51	0
Cape Geo.	b	77	51	0
Queanb'n	–	—	—	—
Deniliq'in	b	92	55	0
Mornya..	b	78	53	0
Kiandra..	b	78	51	0
Albury	–	—	—	—
B'd'lla	b	73	45	0
Cooma	g	84	42	0
Eden	b	76	56	0
Gabo	b	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : FEB., 11 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·905

Average for 23 years from Jan. 1st to January 31 3·359

Total Rainfall from Jan. 1st to February. 11 0·958

Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W't	M'x	M.n	R'in
Casino..	c	76	61	0·04
Tenterfield	c	65	56	0·03
Moree....	b	75	66	0
Grafton..	p	72	61	0·12
Gl'n Inn's	g	87	54	0
Inverell..	b	74	49	0
Bourke ..	b	—	—	—
Narrabri	b	97	58	.
Armidale	c	68	—	0
Bendem'r	–	77	53	0
Gunned'h	b	89	59	0
Coonam'le	b	—	—	—
Tamworth	b	95	55	0
Coonab'rn	b	93	56	0
P.Macqrie	b	80	60	0
Wilcannia	b	95	70	0
Murr'undi	b	80	60	0
Cassilis..	g	83	60	0
Mus'br'ok	c	90	62	0
Dubbo...	b	81	69	0
Menindie	b	90	64	0
Mudgee..	b	92	53	0
Maitland.	b	82	62	0
Hill End.	b	80	—	0
Newcastle	o	90	61	0
Orange..	–	—	—	—
Bathurst	b	88	55	c
Forb's	b	89	63	0
Vict'ria	g	82	58	0
Condob'ln	b	80	62	0
Picton..	–	—	—	—
Carcoar..	b	87	60	0
Wentw'th	b	100	72	0
Young...	b	96	56	0
Wollgo'ng	b	90	62	0
Hay....	–	—	—	—
Moss Vale	o	80	59	0
Euston...	b	103	63	0
Goulburn	b	91	56	0
Wagga...	b	92	55	0
Cape Geo.	b	79	57	0
Queanb'n	–	—	—	—
Deniliq'in	b	98	57	0
Moruya..	b	79	60	0
Kiandra..	–	—	—	—
Alb'ry	–	99	60	0
B'd'lla	b	85	53	6
Cooma	g	87	47	0
Eden	b	77	62	0
Gabo	–	—	—	—

Curve showing state of Barometer.

8 30 08R 82

Pc Ay Ea CB A Ro P N WP Go Ma G Wg S N PM C B R CT

30·4 · 30·2 · 30·0 · 29·8 · 29·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. Miles
0-Calm
1-2 Lt. brze
3-5 Mod. ,,
6 Fresh ,,
7-8 Strg gale
9-10 Whole ,,

TIME BALL. Drops at 1 p.m. S M or 2h 55m 9·198 s m Greenwich M'n Time MAG. VAR. 9° 35 30 E

FINE GENERALLY

SYDNEY g 77 65 Rain 0·000

28 30 14 -78

0 81 A 14 30 05F 68 D

23 63 Ro

13 62

93 82 P 8 05 M

13 65 CO

14 30 08—75

42 75

PM 0 73

N 4 75

S 16 70

Wg 14 71

CG 14 67

Ma 14 30

E 14 67

Go 18 69

WP 23 64

W E S

Barometers fallen about 0·05 on E coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 13 FEB., 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February . 13 0·958
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	M'x	M.n	R'in
Casino..	c	83	60	0·38
Tenterfield	g	70	45	0
Moree....	b	90	69	0
Grafton..	c	82	63	0·09
Gl'n Inn's	g	85	51	0
Inverell..	b	78	56	0
Bourke ..	b	89	69	0
Narrabri	b	99	67	
Armidale	c	70	—	0
Bendem'r	b	73	39	0
Gunned'h	b	92	58	0
Coonam'le	b	90	62	0
Tamworth	b	93	50	0
Coonab'rn	b	85	50	0
P.Macqrie	g	78	63	0·15
Wilcannia	b	98	69	0
Murr'undi	b	74	59	0
Cassilis..	b	81	63	0
Mus'br'ok	b	85	57	0
Dubbo...	b	90	66	0
Menindie	b	100	69	0
Mudgee..	b	92	58	0
Maitland.	c	84	59	0
Hill End.	b	—	—	0
Newcastle	o	80	63	0
Orange..	b	80	52	0
Bathurst	b	85	51	0
Forb's	b	91	64	0
Vict'ria	b	74	50	0
Condob'lin	b	80	60	0
Picton..	g	72	58	0
Carcoar..	b	88	66	0
Wentw'th	b	99	63	0
Young...	b	93	59	0
Wollgo'ng	b	87	62	0
Hay.....	b	100	62	0
Moss Vale	o	68	53	0
Euston...	b	104	56	0
Goulburn	b	88	47	0
Wagga...	b	95	62	0
Cape Geo.	b	79	55	0
Queanb'n	-	--	--	—
Deniliq'in	b	99	58	0
Moruya..	-	—	—	—
Kiandra..	b	82	59	0

Alb'ry	b	99	62	0
B'd'lla	b	78	43	0
Cooma	b	78	48	0
Eden	b	75	60	0
Gabo	-	—	—	—

As 0 30 11 S 81

Curve showing state of Barometer.

Pt Ay Ba CB A Ba P M WP Go E Ma CG Wg S N PM C B E CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

0 30·12 —79

FINE GENERALLY

SYDNEY b 78 93 Rain 0·000

28 30·22 & 86

0 84 A 28 30 23R 80 D

23 — 65

23 — 32 Ro

14 30 21R 77

P M CO WP Ma E Go CG Wg S PM N C B R E CT

42 — 57

28 — 71

3 — 70

6 — 72

14 — 73

14 — 73

28 — 66

28 — 70

W E S

3 74

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL

Drops at 1 p.m. S M or 2h 55m 9·19s a m Greenwich M'n Time

MAG. VAR. 9° 35 30 E

Barometers risen about 0·15 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., 2 FEB., 14 1882 with **NOTES** to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

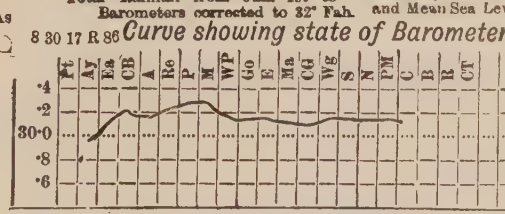
Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to ..... January 31 3·359.
Total Rainfall from Jan. 1st to ..... February .. 14 0·958
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	m'x	M.n	R'fn
Casino..	b	81	58	0
Tenterfield	g	74	54	0
Moree....	b	98	72	0
Grafton..	b	82	65	0·07
Gl'n Inn's	b	86	55	0·13
Inverell..	b	70	56	0
Bourke ..	b	91	68	0
Narrabri	b	100	66	0
Armidale	b	71	—	0
Bendem'r	c	76	38	0
Gunned'h	b	95	58	0
Coonam'le	b	88	63	0
Tamworth	b	99	55	0
Coonab'rn	b	85	51	0
P. Macqrie	b	78	62	0
Wilcannia	b	98	71	0
Murr'undi	b	82	59	0
Cassilis..	b	85	68	0
Mus'br'ok	b	90	58	0
Dubbo...	b	86	66	0
Menindie	b	104	74	0
Mudgee..	b	95	57	0
Maitland.	b	82	61	0
Hill End.	b	—	—	0
Newcastle	b	83	69	0
Orange..	o	81	55	0
Bathurst	b	90	52	0
8 69		E		
Forb's	b	99	60	0
Vict'ria	b	85	57	0
Condob'in	b	91	60	0
Picton..	b	87	53	0
Carcoar..	b	86	60	0
Wentw'th	b	104	64	0
Young...	b	100	60	0
Wollgo'ng	b	90	60	0
Hay....	o	103	63	0
Moss Vale	g	82	56	0
Euston...	b	108	62	0
Goulburn	b	94	54	0
Wagga...	b	96	62	0
Cape Geo.	b	75	49	0
Queanb'n	—	--	--	—
Deniliq'in	b	103	56	0
Moruya..	g	73	62	0
Kiandra..	b	86	64	0

Alb'ry	b	—	60	0
B'd'lla	b	81	60	6
Cooma	b	95	53	0
Eden	b	77	62	0
Gabo	k	—	—	0

As 8 30 17 R 86

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·36 F 84

FINE GENERALLY
SYDNEY b 77 65 Rain 0·060

28 30·24 R 72

0 75 A 0 30 128 67 D

14 30 136 76

8 62 M

13 — 62 CO WP 8 — 66

18 — 64 Re

23 — 62

25 — 64 P

Ma 28 — 69
E 14 — 66
Go 18 — 71
CG 28 — 71
Ws 14 — 76
S 4 — 73
N 3 — 71
PM 0 — 74
C 42 — 76
B
R

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
55-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W — E
S

Barometers fallen about 0·15 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 15 FEB., 1882 with NOTES to 3 P.M.

Sydney Observatory.

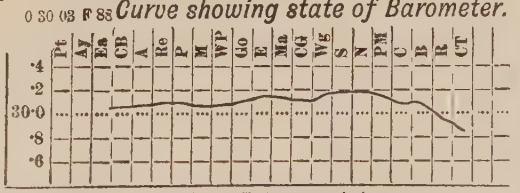
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·985
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February. 15 0·958
Barometers corrected to 32° Fah. and Mean Sea Level

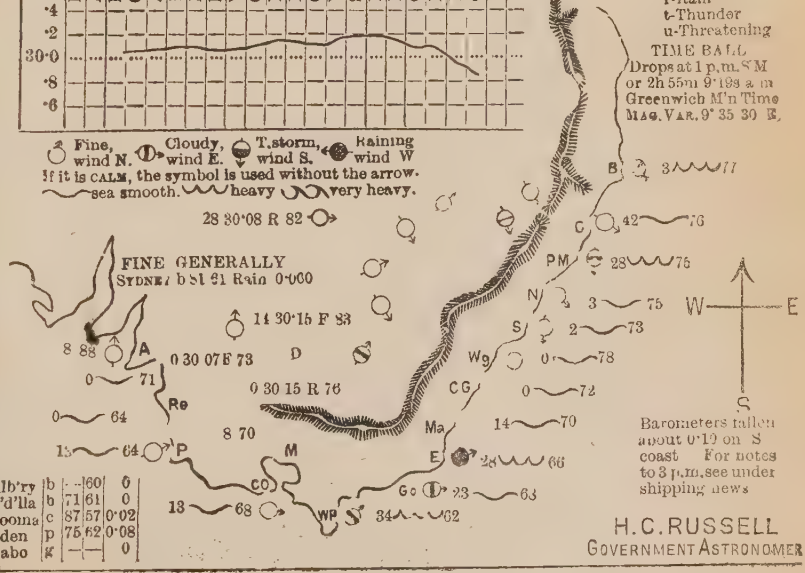
Stations.	W't	M'x	M.	R'in
Casino..	b	83	60	0·10
Tenterfild	g	75	56	0
Moree....	b	95	69	0
Grafton..	b	82	63	0
Gl'n Inn's	b	85	53	0
Inverell..	b	82	57	0
Bourke ..	b	93	70	0
Narrabri	b	103	64	0
Armidale	g	69	—	0
Bendem'r	b	81	40	0
Gunned'h	-	—	—	—
Coonamle	b	93	65	0
Tamworth	b	99	52	0
Coonab'rn	b	90	55	0
P.Macqrie	g	81	64	0
Wilcannia	b	110	75	0
Murr'undi	b	85	59	0
Cassilis..	b	88	73	0
Mus'br'ok	b	93	63	0
Dubbo...	b	94	70	0
Menindie	b	101	73	0
Mudgee..	b	100	62	0
Maitland.	b	86	64	0
Hill End.	b	—	—	0
Newcastle	b	82	68	0
Orange..	b	85	57	0
Bathurst	o	90	56	0
Forb's	b	90	60	0
Vict'ria	b	80	54	0
Condob'ln		—	—	—
Picton..	b	87	57	0
Carcoar..	b	85	62	0
Wentw'th	b	101	62	0
Young...	b	103	64	0
Wollgo'ng	b	79	63	0
Hay.....	b	96	62	0
Moss Vale	o	75	57	0
Euston...	b	100	54	0
Goulburn	b	90	53	0
Wagga...	b	102	65	0
Cape Geo.	b	75	60	0
Queanb'n	-	90	65	—
Deniliq'in	b	91	53	0
Moruya..	b	73	63	0·15
Kiandra..	b	54	62	0

Alb'ry	b	—	60	0
B'd'lla	b	71	61	0
Cooma	c	87	57	0·02
Eden	p	75	62	0·08
Gabo	g	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·193s a.m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E.

Barometers fallen about 0·12 on S coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB., 16 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February .. 16 0·948
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	w't	m'x	m.	R'in
Casino..	b	84	52	0
Tenterfild	-	—	—	—
Moree....	b	93	69	0
Grafton..	b	85	62	0
Gl'n Inn's	b	86	53	0
Inverell..	b	82	57	0
Bourke ..	b	94	70	0
Narrabri	b	104	66	0
Armidale	b	70	—	0
Bendem'r	b	83	42	0
Gunned'h	b	88	68	0
Coonam'le	b	93	64	0
Tamworth	b	99	56	0
Coonab'rn	b	90	54	0
P.Macqrie	b	81	63	0
Wilcannia	b	100	50	0
Murr'undi	b	84	64	0
Cassilis..	b	85	70	0
Mus'br'ok	b	94	63	0
Dubbo....	b	90	60	0
Menindie	b	107	73	0
Mudgee..	b	95	59	0
Maitland.	b	88	65	0
Hill End.	b	—	—	0
Newcastle	b	79	66	0
Orange..	b	83	51	0
Bathurst	b	91	55	0
8 74		6		
Forb's	b	90	60	0
Vict'ria	b	80	54	0
Condob'lin	b	83	63	0
Picton..	g	84	55	0
Carcoar..	b	86	60	0
Wentw'th	b	107	68	0
Young...	b	96	58	0
Wollgo'ng	b	90	62	0
Hay....	b	100	66	0
Moss Vale	b	83	58	0
Euston...	b	101	56	0
Goulburn	b	95	50	0
Wagga...	b	97	51	0
Cape Geo.	b	92	56	0
Queanb'n	b	91	63	0
Deniliq'in	b	94	56	0
Moruya..	b	79	63	0
Kiandra..	b	85	61	0

Alb'ry	b	88	0
B'd'lla	b	83	0
Cooma	b	90	0
Eden	b	74	0
Gabo	b	—	0

Curve showing state of Barometer.

8 30 12 R 86

Pt Ay Ba CB A Re P T WP Go E Ma Cu Wg Z N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

42 29·98 F 82

FINE GENERALLY
SYDNEY c 79 64 Rain 0·000

28 30·13 F 78

0 83 A

0 29 98 F 73 D

13 68

Re

13 64

18 65 P

14 29 98 F 76

8 74

M

CO

18 63

WP 24 63

Ma 14 70

E 14 71

G 13 70

CG 14 74

S 14 75

W 0 73

N 10 76

PM 28 74

C 28 73

B 37 78

R 8 76

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers fallen about 0·30 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

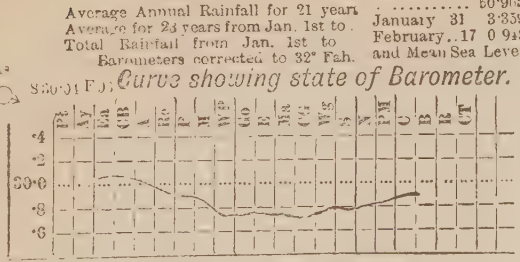
COMPILED from TELEGRAMS for 9 A.M., FEB. 17 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 24 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February.. 17 0·948.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
n-Threatening

MILES WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME CALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
Mag Var. 9° 35 30 E

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 29·86 F 89

FINE GENERALLY
SYDNEY. b 96·65 Rain 0·60

28 30·64 F 69

0 74 A 29·88 F68 D

0 29 73 F 68

13 61

61 Re

8 65

63 M

34 50 CO WP 23 62

Go 93 68

Ma 14 67

E 14 63

CG 0 78

Wg 0 78

S 2 76

N 6 71

PM 14 78

C 14 81

Barometers fallen about 0·10 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations	w	M'n	M.	R'fn
Casino..	b	94	68	0
Tenterfield	n	82	56	0
Moree....	b	97	73	0
Grafton..	b	93	64	0
Gl'n Inn's	–	—	—	—
Inverell..	c	80	63	0
Bourke ..	b	99	37	0
Narrabri	b	102	67	0
Armidale	–	—	—	—
Bendem'r	b	101	65	0
Gunned'h	b	100	67	0
Coonamble	b	98	63	0
Tamworth	b	101	69	0
Coonab'rn	b	93	64	0
P.Macqrie	b	88	67	0 02
Wilcannia	b	70	50	0
Murr'undi	b	89	72	0
Cassilis..	b	89	75	0
Mus br'ok	–	—	—	—
Dubbo...	b	94	71	0
Menindie	b	102	73	0
Mudgee..	b	99	65	0
Maitland.	b	98	67	0
Hill End.	–	—	—	—
Newcastle	b	98	67	0
Orange...	b	88	54	0
Bathurst	b	93	53	0
3 71		6		
Forbes	b	96	68	0
Mt Vict'ria	b	92	59	0
Condob'lin	b	94	61	0
Picton...	b	96	52	0
Carcoar..	b	87	58	0
Wentw'th	c	101	67	0
Young...	b	105	60	0
Wollgo'ng	b	83	61	0
Hay.....	o	101	64	0
Moss Vale	b	89	57	0
Euston...	–	—	—	—
Goulburn	b	96	49	0
Wagga...	b	99	60	0
Cape Geo.	b	82	64	0
Queanb'n	b	94	63	0
Deniliq'in	b	100	67	0
Moruya..	f	78	60	0
Kiandra..	b	89	64	0

Albury	b	—	53	0
B'd'lla	c	86	60	0
Cooma	c	81	45	0
Eden	o	79	61	0
Gabo	o	—	—	—

WEATHER MAP.

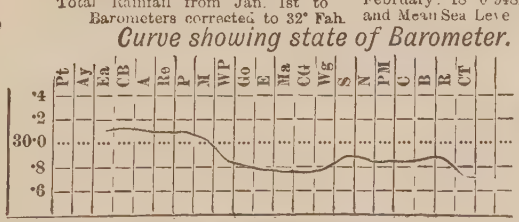
COMPILED from TELEGRAMS for 9 A.M., : FEB. 18 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February. 18 0·948.
Barometers corrected to 32° Fah. and Mean Sea Leve

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	W't	W'S	M.	R'fin
Casino..	b	101	67	0
Tenterfild	b	98	58	0 17
Moree....	–	—	—	—
Grafton..	b	106	65	0
Gl'n Inn's	-	—	—	—
Inverell..	b	88	58	0
Bourke ..	b	100	75	0
Narrabri	b	106	69	0
Armidale	b	86	—	0
Bendem'r	b	92	41	0
Gunned'h	b	101	57	0
Coonam'le	b	102	66	0
Tamworth	b	104	52	0
Coonab'rn	b	9	54	0
P.Macqrie	b	89	69	0
Wilcannia	–	—	—	—
Murr'undi	b	90	62	0
Cassilis..	b	92	72	0
Mus'br'ok	b	105	66	0
Dubbo...	b	96	69	0
Menindie	–	—	—	—
Mudgee..	b	105	61	0
Maitland.	c	99	71	0
Hill End.	-	—	—	—
Newcastle	b	87	67	0
Orange..	b	91	55	0
Bathurst	b	93	55	0
Forb's	b	98	59	0
Mt Vict'ria	b	83	52	0
Condob'lin	b	80	61	0
Picton..	g	97	63	—
Carcoar..	b	90	60	0
Wentw'th	–	—	—	—
Young...	b	104	59	0
Wollgo'ng	-	—	—	—
Hay....	b	100	63	0
Moss Vale	c	90	61	0
Euston...	b	99	57	0
Goulburn	b	92	53	0
Wagga...	b	95	61	0
Cape Geo.	c	80	62	0
Queanb'n	b	93	65	0
Deniliq'in	b	92	54	0
Moruya..	g	79	66	0
Kiandra..	–	—	—	—
Albury	b	99	57	0
B'd'lla	g	79	63	0
Cooma	g	90	53	0
Eden	b	74	69	0
Gabo	g	—	—	—

FINE GENERALLY
SYDNEY c 87 70 Rain 0·060

28 20·85 F 88

0 29·94 R 65

0 29.92 R 68

13 64

28 63 63 13 63 8 68 14 98 14 67 14 69 14 74 11 74 4 73 50 76 14 83 70 61 60 63

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
n-Threatening

WIND SCALE.
M'l's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG VAR. 9° 35 30 E

Barometers risen about 0·19 on S coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 21 FEB. 20 1882 with NOTES to 3 P.M.

Sydney Observatory.

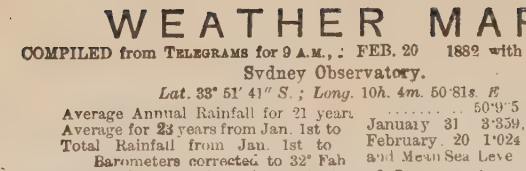
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years ..... 50·975
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February 20 1·024
Barometers corrected to 32° Fah and Mean Sea Leve

Stations.	W't	M'x	M'n	R'fin
Casino..	g	89	65	0 22
Tenterfield	g	80	40	0
Moree....	b	92	74	0
Grafton..	g	89	66	0 09
Gl'n Inn's	g	88	52	0 25
Inverell..	c	81	65	0
Bourke ..	b	92	68	0
Narrabri	b	109	68	0
Armidale	c	85	—	0
Bendem'r	b	87	54	0
Gunned'h	b	103	60	0
Coonamble	b	98	76	0
Tamworth	c	106	61	0
Coonab'rn	b	—	—	0
P.Macqrie	b	70	63	0 06
Wilcannia	b	90	80	0
Murr'undi	b	79	60	0
Cassilis..	b	95	76	0
Mus'br'ok	b	78	89	0
Dubbo...	b	93	65	0
Menindie	b	90	62	0
Mudgee..	b	89	58	0
Maitland.	g	87	62	0
Hill End.	b	—	—	0
Newcastle	c	75	66	0
Orange..	b	85	53	0
Bathurst	b	90	45	0
23 92	c			
Forb's	b	83	70	0
Mt Vict'ria	b	85	48	0
Condob'lin	b	79	54	0
Picton..	c	72	57	0
Carcoar..	—	—	—	—
Wentw'th	b	89	58	0
Young...	c	94	56	0
Wollgo'ng	c	71	59	0
Hay....	b	87	53	0
Moss Vale		63	49	0
Kuston...	b	93	56	0
Goulburn	b	75	46	0
Wagga...	b	88	53	0
Cape Geo.	c	70	45	0
Queanb'n	b	90	58	0
Deniliq'n	b	83	46	0
Moruya..	b	70	52	0
Kiandra..	b	73	47	0

Albury	c	92	54	0
B'd'lla	b	60	50	0
Cooma	c	78	38	0
Eden	b	75	64	0
Gabo	b	—	—	—

8 29·90 — 64 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY IN N. S. W.
SYDNEY g 71 64 Rain 0·076

42 29·96 R 75

14 30·18—74

23 84 A 0 30·05 R 66

23 — 63 Re

28 30 15 R 66

13 — 61

8 64 M

35 — 63 P

13 — 64 CO

13 — 69 WP

Ma E 14 — 33

Go 8 — 65

CG 0 — 68

Wg 14 — 69

S 4 — 70

N 3 — 70

PM 14 — 66

C "8 — 72

B 3 — 72

R 3 76

M'ls WIND SCALE.
13-Lt breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG VAR. 9° 35 30 E

W — E
S

Barometers risen about 0·30 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 21 FEB. 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

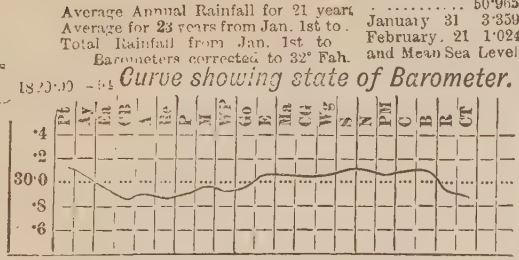
Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 50·81*s.* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February. 21 1·024
Barometers corrected to 32° Fah. and Mean Sea Level

	W	MX	MN	R'fall
Casino..	p	84	68	0 85
Tenterfield	g	78	60	0
Moree....	b	95	70	0
Grafton..	g	82	61	0
Gl'n Inn's	c	89	52	0 18
Inverell..	b	80	55	0 26
Bourke ...	b	96	73	0
Narrabri	b	101	67	0
Armidale	g	74		0 86
Benowra's	b	88	55	0
Gunnedah	c	89	59	0
Coonamble	b	93	63	0
Tamworth	b	98	55	0
Coonab'rab	b	52		0
P. Macq'rie	b	72	61	0
Wilcannia	b	90		0
Murr'undi	b	81	57	0
Cassilis..	b	95	68	0
Mus b'rook	b	87	57	0
Dubbo...	b	88	5	0
Menindie	b	96	70	0
Mudgee..	b	94	54	0
Maitland.	b	81	59	0
Hill End.	—	—	—	—
Newcastle	b	81	64	0
Orange..	b	84	53	0
Bathurst	b	85	51	0
[illegible]		84	70	
Forb's	b	79	69	0
Mt Vict'ria	b	77	48	0
Condob'lin	b	79	57	0
Picton..	b	80	57	0
Carcoar..	—	—	—	—
Wentw'th	b	98	65	0
Young...	t	97	67	2
Wollgo'ng	b	78	57	0
Hay....	b	97	53	0
Moss Vale		75	53	0
Euston...	b	102	62	0
Goulburn	b	86	49	0
Wagga...	b	89	5	0
Cape Geo.	b	76	52	0
Cucamb'n	b	86	46	0
Deniliq'n	b	95	51	0
Boruya...	b	75	45	0
Kiamma...	b	81	51	0

Albury	b	92	54	0
Bal'la	b	76	47	0
Broom	b	84	42	0
Eden	b	71	57	0
Yass		—	—	—

Curve showing state of Barometer.

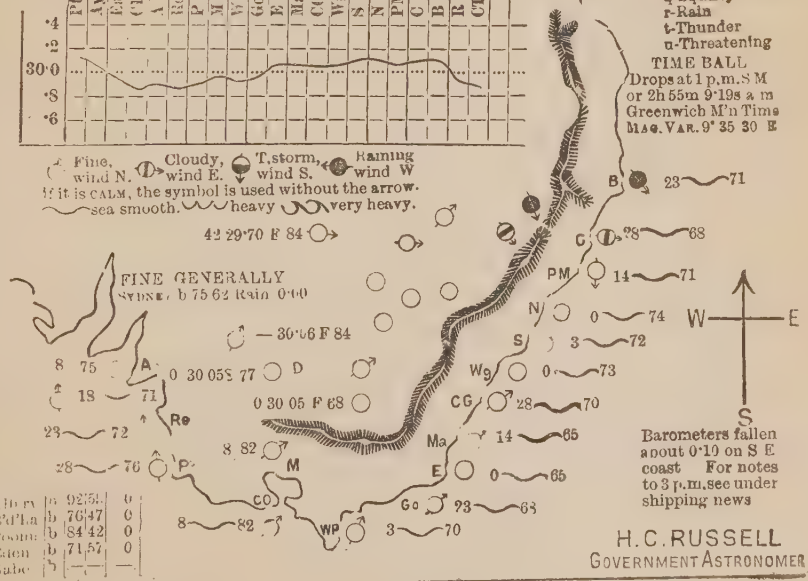


Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E



Barometers fallen about 0·10 on S E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 22 FEB. 1882 with NOTES to 3 P.M.

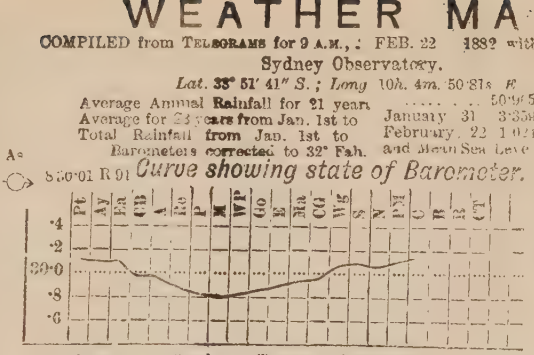
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February 22 1·074
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	Wt	WX	M.S	R'fall
Casino..	b	84	59	0
Tenterfield	g	78	59	0
Moree....	b	95	69	0
Grafton..	b	92	64	0
Gl'n Inn's	b	89	51	0
Inverell..	b	84	56	0
Bourke ..	b	94	78	0
Narrabri	b	102	66	0
Armidale	b	74	—	0
Beudem'r	b	84	53	0
Gunned'h	b	97	62	0
Coonamble	-	—	—	—
Tamworth	c	101	60	0
Coonab'rn	b	91	50	0
P.Macqrie	b	76	61	0
Wilcannia	b	100	75	0
Murr'undi	b	83	62	0
Cassilis..	b	96	72	0
Mus'br'ok	b	89	55	0
Dubbo...	b	89	71	0
Menindie	b	103	77	0
Mudgee..	b	91	60	0
Maitland.	b	85	61	0
Hill End.	b	—	—	0
Newcastle	b	79	66	0
Orange..	b	79	55	0
Bathurst	b	89	54	0
23 68				
Forbes	b	81	71	0
Mt Vict'ria	b	80	51	0
Condob'in	b	83	66	0
Picton..	b	84	56	0
Carcoar..	b	87	64	0
Wentw'th	c	107	73	0
Young...	b	102	59	0
Wollgo'ng	b	82	63	0
Hay....	o	103	74	0
Moss Vale	b	79	57	0
Euston...	b	110	76	0
Goulburn	b	93	49	0
Wagga...	b	94	50	0
Cape Geo.	b	75	56	0
Queamb'n	b	97	6.	0
Deniliq'in	b	100	68	0
Moruya..	b	76	67	0
Kiandra..	b	98	58	0

Albury	b	97	55
B'd'lla	b		58
Cooma	b	92	47
Eden	b	76	64
Gabo	b	—	—



Fine, wind N. Cloudy, wind E. T.storm, wind S. Rain'g wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u Threatening

WIND Scale. M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
55-Whole ..

TIME BALL
Drops at 1 p.m. S M
or 2h 5m 9·13s a.m
Greenwich M'n Time
Var. 9° 35 30 E

Barometers fallen about 0·19 on E. coast. For notes to 3 p.m. see table.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : FEB. 23 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February. 23 1·024.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	Wt	M'x	M'n	R'fall
Casino..	b	85	60	0
Tenterfield	b	79	52	0
Moree....	b	94	68	0
Grafton..	b	84	62	0
Gl'n Inn's	b	89	52	0
Inverell..	b	81	55	0
Bourke ..	b	93	74	0
Narrabri	b	101	67	0
Armidale	b	72	—	0
Bendem'r	b	87	41	0
Gunned'h	b	98	60	0
Coonam'le	b	93	65	0
Tamworth	b	100	56	0
Coonab'rn	b	90	52	0
P.Macqrie	b	81	66	0
Wilcannia	c	100	—	0
Murr'undi	b	86	66	0
Cassilis..	b	89	70	0
Mus'br'ok	b	97	67	0
Dubbo...	b	92	70	0
Menindie	c	106	67	0
Mudgee..	b	99	61	0
Maitland.	b	88	64	0
Hill End.	b	90	—	0
Newcastle	b	82	64	0
Orange..	b	84	58	0
Bathurst	b	93	59	0
8 69 E				
Forbes	b	99	62	0
Mt Vict'ria	b	87	63	0
Condob'lin	g	39	68	0
Picton..	b	90	58	0
Carcoar..	b	90	63	0
Wentw'th	c	108	55	0
Young...	b	101	59	0
Wollgo'ng	b	84	64	0
Hay....	b	100	62	0
Moss Vale	b	86	62	0
Ruston...	–	—	—	—
Goulburn	b	98	58	0
Wagga...	b	99	68	0
Cape Geo.	b	77	60	0
Queanb'n	b	94	65	0
Deniliq'in	b	104	65	0
Moruya..	g	77	66	0
Kiandra..	–	—	—	—
Albury	–	—	—	—
B'd'lla	g	83	58	0
Cooma	c	95	53	0
Eden	b	77	63	0
Gabo	g	—	—	—

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·05 R 88

CLOUDY ON S.E COAST
SYDNEY b 78 67 Rain 0·00

42 30·28 R 65

28 30·14R 63

13 67 A 13 62 Re 23 63 P 18 65 M 13 65 WP CO D Wg 56 72 CG 50 77 Ma 42 66 E 28 69 Go 72 70 PM 24 76 N 0 77 S 23 74 C 8 3 71 B R 8 75

WIND SCALE. M'lo
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gldomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers risen about 0·25 on S E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., FEB. 24 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February 24 1·024
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	W't	M'x	M.	R'in
Casino..	o	90 63		0
Tenterfild	g	74 53		0
Moree....	b	78 —		0
Grafton..	g	92 61		0
Gl'n Inn's	g	88 53	0	01
Inverell..	b	83 58		0
Bourke ..	b	96 75		0
Narrabri	g	107 69		0
Armidale	g	80 —		0
Bendem'r	g	87 43		0
Gunned'h	c	101 62		0
Coonamble	-	— —		—
Tamworth	b	104 58		0
Coonab'rn	b	92 64		0
P.Macqrie	b	81 69	0	05
Wilcannia	b	100 80		0
Murr'undi	b	83 62		0
Cassilis..	b	90 70		0
Mus'br'ok	b	97 63		0
Dubbo...	b	95 70		0
Menindie	b	88 63		0
Mudgee..	b	102 65		0
Maitland.	g	85 66		0
Hill End.	b	— —		0
Newcastle	b	80 68	0	40
Orange..	c	90 57		0
Bathurst	g	95 58		0
8 63		6		
Forbes	b	98 61	0	02
Mt Vict'ria	g	80 52		0
Condob'lin	b	79 61		0
Picton..	c	80 63		0
Carcoar..	b	86 64	0	23
Wentw'th	t	88 56		9
Young...	b	104 60		0
Wollgo'ng	c	80 64		0
Hay....	o	90 58		0
Moss Vale	g	69 56		0
Euston...	b	93 54		0
Goulburn	g	68 53		0
Wagga...	b	96 60		0
Cape Geo.	c	73 55		0
Queanb'n	g	83 63		0
Deniliq'n	b	88 40		0
Moruya..	-	—'—		—
Kiandra..	-	—,—		—

Albury	m	96	6	0
B'd'lla	c	70	56	0 03
Cooma	g	81	52	0
Eden	d	74	60	0 03
Gabo	g	—	—	0 02

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 30·13 R 82

28 30·08 R 80

J 4 30·27 F 68

0 30·19 R 67

CLOUDY ON S·E COAST
SYDNEY b 76 65 Rain 0·00

WIND SCALE.
M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. M
or 2h 55m 9·19s a.m
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers risen about 0·15 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : FEB. 25 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

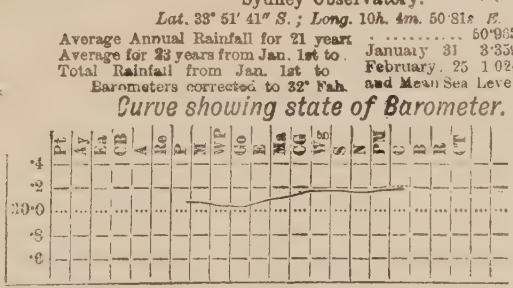
Average Annual Rainfall for 21 years ..... 50·965

Average for 23 years from Jan. 1st to January 31 3·359.

Total Rainfall from Jan. 1st to February. 25 1 024

Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Stations.	Wt	M'n	M'x	R'fn
Casino..	c	83	64	0
Tenterfild	d	72	38	0·08
Moree....	b	92	71	0
Grafton..	g	82	61	0·05
Gl'n Inn's	b	88	53	0
Inverell..	b	79	57	0
Bourke ..	b	95	71	0
Narrabri	b	102	66	0
Armidale	g	70	—	0·05
Bendem'r	b	80	40	0
Gunned'h	b	94	60	0
Coonamble	—	—	—	—
Tamworth	b	99	55	0
Coonab'rn	b	88	56	0
P.Macqrie	b	78	64	0
Wilcannia	b	100	79	0
Murr'undi	b	83	61	0
Cassilis..	g	95	70	0
Mus'br'ok	b	89	63	0
Dubbo...	b	78	70	0
Menindie	b	93	75	0
Mudgee...	c	87	61	0
Maitland.	c	82	64	0
Hill End.	b	80	—	0
Newcastle	b	81	60	0
Orange..	b	83	59	0
Bathurst	b	88	55	0
	E			
Forbes	b	97	64	0
Mt Vict'ria	b	74	57	0
Condob'lin	b	84	64	0
Picton..	c	80	65	2
Carcoar..	—	89	64	0
Wentw'th	c	95	62	0
Young...	b	90	59	0
Wollgo'ng	—	—	—	—
Hay.....	b	98	60	0
Moss Vale	b	72	59	0
Huston...	—	92	55	0
Goulburn	b	86	61	0
Wagga...	b	93	56	0
Cape Geo.	b	76	55	0
Queanb'n	f	90	65	0
Deniliq'n	—	97	56	0
Boruya...	—	76	61	0
Kiamba...	—	—	—	—

Albury	b	97	60	0
B'd'Ha	—	77	59	0
Cooma	g	86	58	0
Eden	—	—	—	—
Gabo	d	—	—	0·02

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

4º 30·06 F 70

CLOUDY ON S E COAST

SYDNEY b 78 67 Rain 0·00

14 30·16 F 68

0 30 18 F75 D

14 30·15 F 76

3 67

13 63

18 65

WEATHER.

b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M'h

13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL

Drops at 1 p.m. S M or 2h 55m 9·19s a m Greenwich M'n Time

MAG. VAR. 9° 35 30 E

75
14 75
4 74
0 74
14 67
0 69
23 60
18 65
74

Barometers taken about 9·10 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : FEB. 27 1882 with Notes to 3 P.M.

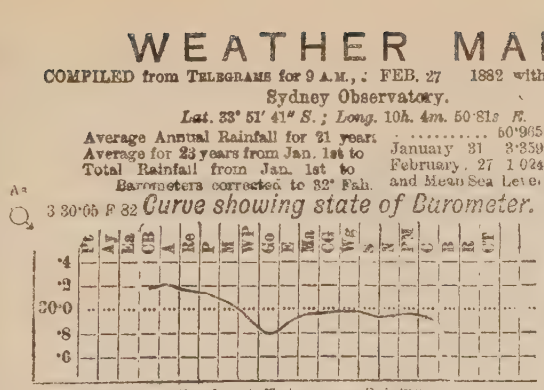
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 23 years from Jan. 1st to January 31 3·359
Total Rainfall from Jan. 1st to February 27 1·024
Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.		Wi	mS	se	Rain
Casino..		b	85	58	0
Tenterfield		b	77	52	0
Boree....		b	98	70	0
Grafton..		L	84	64	0
Gl'n Inn's		b	88	51	0
Inverell..		b	82	56	0
Bourke ..		b	94	70	0
Narrabri		b	106	67	0
Armidale		b	75	—	0
Deniliq'n		b	84	40	0
Gunned'b		b	97	59	0
Coonamble		b	93	65	0
Tamworth		b	103	55	0
Coonab'rn		b	92	54	0
P. Macqrie		b	87	63	0
Wilcannia		b	100	70	0
Murr'undi		b	86	61	0
Cassilis..		b	85	75	0
Mus'br'ok		b	99	69	0
Dubbo...		b	92	70	0
Menindie		b	104	61	0
Mudgee..		b	100	65	0
Maitland.		b	87	62	0
Hill End.		b	—	—	0
Newcastle		b	79	65	0
Orange..		b	86	59	0
Bathurst		b	94	53	0
		&			
Forbs		—	—	—	—
Mc Vict'ria		c	85	55	0
Condob'lin		b	93	65	0
Picton..		b	89	59	0
Marcoar...		b	96	65	0
Cent'w'th		c	104	52	0·01
Young...		b	102	65	0
Wellg'ng		b	90	65	0
Hay....		b	104	53	0
Moss Vale		b	83	61	0
Kiama...		b	105	52	0
Goulburn		b	101	60	0
Cagga...		b	101	65	0·35
Cape Geo.		b	82	62	0
Queanb'n		b	96	65	0
Deniliq'n		b	103	54	0·02
Moruya .		b	77	63	0
Kiandra...		—	—	—	—

Alb'ry	c	—	61	0·08
B'd'lla	b	86	59	0
Cooma	b	—	57	0
Eden	g	78	67	0
Gabo	b	—	—	0



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 22·90 F 93

FINE GENERALLY
SYDNEY b 31 69 Rain 0·00

42 30·16 S 60

"8 29·94 F 61

0 29·93 F 72

13 59

Barometers fallen about 0·25 on E coast For notes to 3 p.m. see under shipping news

WEATHER
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Cloudy, &c
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
MPs
13 Lt'r brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 28 FEB. 28 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to February 28 1·024
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	w'x	m	r'in
Casino..	b	90	59	0
Tenterfild.	b	82	56	0
Moree....	g	97	74	0
Grafton..	g	91	64	0
Gl'n Inn's	b	90	51	0
Inverell..	b	82	65	0
Bourke ..	b	96	74	0
Narrabri	c	101	68	0
Armidale	b	8.		0
Bendem'r	b	86	49	0
Gunned'h	b	85	54	0
Coonamble	b	94	72	0
Tamworth	b	104	61	0
Coonab'rn.	b	91	63	0
P.Macqrie	b	81	51	0
Wilcannia	—	—	—	—
Murr'undi	b	89	65	0
Cassilis..	b	86	70	0
Mus'br'ok	b	93	67	0
Dubbo...	b	96	74	0
Menindie	—	—	—	—
Mudgee..	b	105	68	0
Maitland.	b	88	66	0
Hill End.	b	—	—	0
Newcastle	b	80	66	0
Orange..	b	81	60	0
Bathurst	b	93	60	0
8 71		6		
Forb's	b	96	64	0 20
Mt Vict'ria	b	82	58	0
Condob'lin	b	87	77	0
Picton..	b	88	64	0
Carcoar..	b	90	67	0
Wentw'th	—	—	—	—
Young...	b	103	64	0
Wollgo'ng	b	90	65	0
Hay....	—	—	—	—
Moss Vale	b	85	63	0·07
Euston...	b	82	45	0
Goulburn	b	99	57	0 08
Wagga...	b	91	47	0
Cape Geo.	b	76	61	0
Queanb'n	b	93	65	0 15
Deniliq'in	b	86	50	0
Moruya..	—	—	—	0·04
Kiandra..	b	82	54	0

Alb'ry	b	89	48	0
B'd'lla	b	82	64	0
Cooma	b	91	52	0·08
Eden	g	77	68	0·15
Jabo	r	—	—	0·50

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
Sea smooth, heavy very heavy.

14 30·05 R 74

CLOUDY ON S COAST
SYDNEY. b 79 68 Rain 0·00

0 68 A 14 30·CSR 66 D
8 60 Re
13 61
23 60 P
S 62 M
CO
59
WP
0 30·09 R 64
CG 42 72
Ma 14 72
E 14 68
Go 14 70
8 58
PM 14 74
N 0 80
S 4 76
W 9 14 75
C 14 73
B

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Thr.atening

WIND SCALE.
MPs
13-Li't brze
23-Mod. ,,
34-Fresh ,,
45-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. N.S.W.
or 2h 55m 0·19s a.m.
Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 1 1882 with NOTES to 3 P.M.

Sydney Observatory.

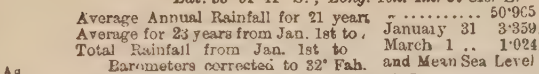
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to January 31 3·359.
Total Rainfall from Jan. 1st to March 1 .. 1·024.
Barometers corrected to 32° Fah. and Mean Sea Level

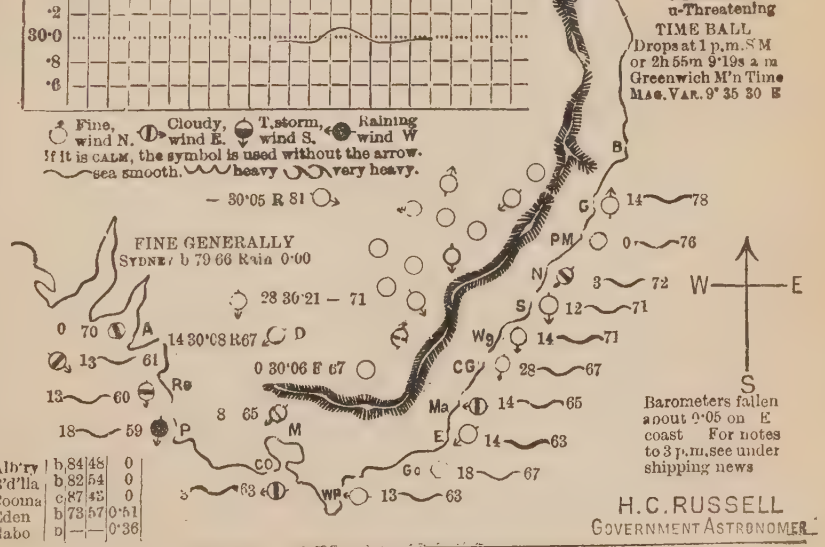
Stations.	W't	M'x	M.	R'in
Casino..	b	93	65	0
Tenterfild	b	77	63	0
Moree....	b	99	74	0
Grafton..	b	88	64	0
Gl'n Inn's	b	87	58	0·46
Inverell..	b	81	63	0
Bourke ..	b	95	70	0
Narrabri	b	106	69	0
Armidale	b	80	—	0
Bendem'r	b	91	43	0
Gunned'h	b	101	62	0
Coonamble	b	101	67	0
Tamworth	b	106	68	0·09
Coonab'rn	b	99	56	0
P.Macqrie	b	80	69	0
Wilcannia	b	98	77	0
Murr'undi	b	87	65	0
Cassilis..	b	90	77	0
Mus'br'ok	b	102	67	0
Dubbo...	b	95	69	0
Menindie	c	86	62	0
Mudgee..	b	104	61	0
Maitland.	b	89	68	0
Hill End.	b	—	—	—
Newcastle	c	79	68	0
Orange..	b	87	50	0
Bathurst	b	94	51	0
	&			
Forbes	b	96	61	0
Mt Vict'ria	b	85	59	0
Condob'lin	b	81	53	0
Picton..	b	93	61	0
Carcoar..	b	87	78	0
Wentw'th	b	86	60	0
Young...	b	100	60	0
Wollgo'ng	b	84	55	0
Hay.....	c	83	56	0
Moss Vale	b	90	56	0
Euston...	b	85	53	0
Goulburn	b	92	55	0
Wagga...	o	72	52	0
Cape Geo.	b	75	56	0
Queanb'n	b	84	54	0
Deniliq'in	b	82	56	0
Moruya..	o	77	58	0
Kiandra..	b	93	63	0

Albury	b	84	48	0
B'd'lla	b	82	54	0
Cooma	c	87	45	0
Eden	b	73	57	0·51
Gabo	o	—	—	0·36

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



WIND SCALES.
13-Lt brze
23-Mod. „
34-Fresh „
56-Strg gale
65-Whole „

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S.M. or 2h 55m 9·19s a.m. Greenwich M'n Time
MAG. VAR. 9° 35 30 E

Barometers fallen about 0·05 on E coast For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M. 2 MARCH 2 1882 with NOTES to 9 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; Long. 10h. 4m. 50·81s. E.

Average Annual Rainfall for 21 years

Average for 23 years from J

Total Rainfall from Ja

Barometers corrected

Curve showing st[illegible] Barometer.

				Rain
				0
				0
				0
[illegible]	b			0
[illegible]	b			0
[illegible]	b		66	0
[illegible]	b	93	67	0
[illegible]		90	61	0
[illegible]				
[illegible]	b	9	58	0
[illegible]	b	100	56	0
[illegible]	b	96	59	0
[illegible]	b	1	51	0
[illegible]		95	47	0
[illegible]			70	0
[illegible]		93	76	0
[illegible]			68	0
[illegible]			76	0
[illegible]		1	68	0
[illegible]		98	64	0
[illegible]			68	0
[illegible]			66	0
[illegible]		6	69	0
[illegible]				
[illegible]				
[illegible]		85	51	0
[illegible]	b	87	52	0
[illegible]				
Bathurst	b	98	59	0
Molong	b	84	56	0
Orange	b	75	56	2
Forbes	b	85	62	0
[illegible]		85	66	0
[illegible]		86	59	0
[illegible]		9	52	0
Wellington	b	77	66	0
[illegible]	b	88	56	0
Port Vele	u	81	59	0
Newcastle	b	90	56	0
Goulburn	b	86	57	0
Wagga	b	85	55	0
Cape Geo.	c	78	66	0
Queenstn	b	80	54	0
Launceston	b	83	56	0
Melbourne	c	73	59	0
Kiandra	b	74	53	0

Albury	b	87	49
Ballarat	b	71	65
[illegible]		73	51
Eden	c	73	60
Jamberoo			

Fine, wind N. Cloudy, wind E. If it is CALM, the symbol is [illegible] sea smooth. [illegible] sea heavy.

28 29·92 F 82

FINE GENERALLY

SYDNEY 0 78 65 Rain 0·00

29·90 15 F 66

14 29·99 F 65

WEATHER.

b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't breze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

TIME BALL
Drops at 1p.m. M
or 2h 55m 9·19s a.m.
Greenwich M'n Time
MAG VAR. 9° 35 30 E

Barometers fallen about 0·09 on E coast For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 3 [illegible] Noon to 9 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h. 4m. [illegible] E.

Average Annual Rainfall for 21 years ..... 50·065

Average for 23 years from Jan. 1st to February 28 ..... 9·476

to ... Rainfall from Jan. 1st to March 3 ..... 1·092

Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.		9 A.M.	
Casino	b	29·64	0
Tenterfield	a	29·51	0
Horton	b	29·69	0
Grafton	b	29·67	0
Glen Innes	b	29·56	0
[illegible]		[illegible]	
Bourke	a	[illegible]	
Narrandera	a	[illegible]	
Armidale	a	29·55	0
Bendemeer	a	29·53	
Gunnedah	b	29·59	0
Coonamble	b	29·61	0
Tamworth	b	29·57	0
Coonabarabran	b	29·50	0
P. Macquarie	c	29·72	0
Wilcannia	a	29·78	0
Murrumbidgee	b	29·69	0
Cassilis	b	29·72	0
Muswellbrook	c	29·69	0
Dubbo	b	29·63	0
Menindie	c	29·68	0
Mudgee	g	29·67	0
Maitland	u	29·70	0
Hill End		—	
Newcastle	g	29·66	0
Orange	b	29·56	0
Bathurst	b	29·56	0
Forbes	b	29·61	0
Mt Victoria	u	29·58	0
Condobolin	b	29·52	0
Cowra	c	29·59	0
Carcoar	b	29·61	0
Wentworth	c	29·61	0
Young	b	29·53	0
Wollongong	c	29·61	0
Hay	b	29·55	0
Moss Vale	a	29·56	0
Euston	u	29·60	0
Goulburn	b	29·59	0
Wagga	b	29·56	0
Cape Howe	c	29·56	0
Queanbeyan	c	29·57	0
Deniliquin	g	29·65	0
Moruya	g	29·62	0
Kiandra	b	29·51	0

Fine. Cloudy. T-storm. Raining

If it is CALM, the symbol is used without the arrow

Heavy Very heavy

29·89 F 81

CLOUDY GENERALLY

SYDNEY g 76 67 Rain 0·00

28 30·02 F 70

29·95 F 68

14 29·90 R 73

8 64

Albury 29·56

Bathurst g 29·56

Cooma u 29·51

Eden c 29·63

Gabo 29·68

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL.

Drops at 1 p.m., S.M. or 2h 55m 9·13s a.m. Greenwich Mean Time

MAG. VAR. 9° 35 30 E

Barometers risen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 4, 1904, with Hours to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ S. Long. 151° 12′ E.

Average Annual Rainfall (... years) ... inches.
Average for 25 years ... February 25 ... 1·776
Total Rainfall from ... to ... Feb. ... 1·926

Curve showing rate of Barometer.

WEATHER.
b-Blue sky.
c-Scattered clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
r-Raining
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
s-Snow
t-Thunder
v-Visible.

WIND.
Scale.
Light
Fresh
Strg gale
Whole

wind N. wind E. wind S. wind W.

E.storm. raining

CLOUDY GENERALLY

Stations.	Wt	9 A.M.	R'fall
Casino..	b	56 83	0
Tenterfield	b	90 65	0
Morpeth....	–	— —	—
Grafton..	b	36 72	0·22
Gle'mon's	b	89 69	0
Inverell..	b	83 65	0
Bourke..	b	92 67	0
Narrabri	–	— —	—
Armidale	b	85 —	0
Bendem'r	b	91 60	0
Gunned'h	–	— —	—
Coonamble	b	95 62	0
Walgarth	b	103 60	0
Coo..b'rn	c	96 54	0
P.M'quarie	–	— —	—
Wilcannia	o	109 68	0
Mur'rundi	–	— —	—
Casuarin.	d	83 67	0
Mos br'ok	g	85 67	0
Dubbo...	b	92 70	0
Molong...	b	82 70	0
Wellington	b	95 68	0
Maitland.	p	80 63	0·25
Hill End.	c	— —	—
Newcastle	g	75 67	0
Orange..	c	82 —	0
Bathurst	g	85 63	0
	C		
Forbes	b	95 63	C
McVicker	u	73 57	0
Goulob'n	b	82 60	0
Cootam..	o	79 60	0
Carcoar..	b	80 61	0
Wentw'th	o	83 56	0
Young...	c	92 62	0
Wollgo'ng	–	— —	—
Hay.....	b	88 65	0
Moss Vale	r	77 54	0·09
Kiama...	b	87 66	0
Bouliburn	r	84 57	0·5
Wagga...	r	87 59	0·29
Cape Geo.	r	79 61	0
Queanb'n	r	78 57	0·75
Deniliq'n	o	88 58	0
Moruya..	–	— —	—
Kiandra..	r	60 38	0

Murray	r	91	57	0.48
Darling	–	—	—	—
Bourke	r	80	51	1 37
Coonamble	–	—	—	—
Walgett	o	—	—	0

WEATHER MAP.

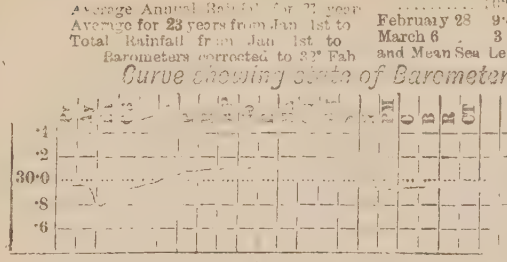
COMPILED from TELEGRAMS for 9 A.M., . MARCH 6 1892 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; Long. 10h. 4m 50·81s E.

Average Annual Rainfall for 22 years ..... 50·085
Average for 23 years from Jan 1st to February 28 9·476
Total Rainfall from Jan 1st to March 6 3 317
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.


30·4
·2
30·0
·8
·6
M
T
W
T
F
S
S
M
T
W
T
F
S
S
M
T
W
T
F
S
S

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 7 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 7 . 3 317.
Barometers corrected to 32° Fah and Mean Sea Level

8 29·93 R 83 ... *State of Barometer.*

30·6

Fine. Cloudy. T.storm. Raining
wind N. wind E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

4 29·89 F 77

FINE GENERALLY
... 0 72 62 Rain 0·93

28 30 07 F 83

14 30·03F71

14 30 06 F 66

Station				
Cosino...	b	84 59		0
Centerfld.	b	78 53		0
Moree....	b	93 69		0
Grafton...	b	87 61		0
Gl'n Inn's	b	89 60		0
Invereh...	b	81 57		0
Bourke ..	b	93 67		0
Narraori	b	102 60		0
Armidale	b	72 —		0
Bendem'r	b	88 48		0
Gunned'h	b	93 57		0
Coonamble	b	87 64		0
Tamworth	b	97 48		0
Coonab'rn	b	86 51		0
P.Macqrie	b	78 61		0
Wilcannia	b	98 78		0
Murr'undi	c	80 59		0
Cassilis..	b	85 62		0
Mus'br'ok	g	81 55		0
Dubbo...	b	87 62		0
Menindie	b	91 65		0
Mudgee..	b	87 56		0
Maitland.	g	74 60	0	05
Hill End.	b	— —		—
Newcastle	c	74 62		0
Orange..	o	75 47		0
Bathurst	b	77 48		0
69		6		
Kerb's	b	90 59		0
Mt Vict'ria	b	67 47		0
Condob'in	b	75 54		3
Picton..	b	74 55		0
Carcoar..	b	86 50		0
Wentw'th		96 60		0
Young...	b	92 55		0
Wollgo'ng	c	81 59		0
Hay...	b	91 63		0
Moss Vale	r	66 51		0
Euston...	b	97 57		0
Goulburn	g	75 50		0
Wagga...	b	80 51		0
Cape Geo.	c	72 58		0
Queanb'n	o	71 59		0
Deniliq'in	b	91 55		0
Moruya..	g	72 55		0
Kiandra..	b	100 65		0

Albury	b	89 48	0
B'd'lla	h	76 49	0
Coom..	b	78 59	0
Eden	o	72 58	0
Gabo	—	— —	0

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
1-Li't brse
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG VAR. 9° 35 30 E

Barometers risen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP

COMPILED from TELEGRAMS for 9 A.M., : MARCH 8 1882 with Notes to 3 P.M. of

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 81*s. E.*

Average Annual Rainfall for 21 years ..... 50·975

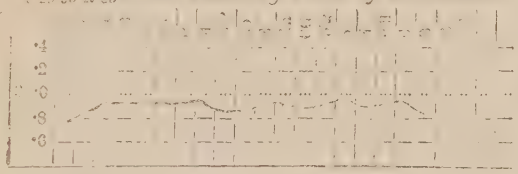
Average for 23 years from Jan. 1st to February 28 3·476

Total Rainfall from Jan. 1st to March 8 ... 3·535

Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	W'l	W'r	M.	R'fall
Casino..	p	85 64		0
Tenterfield	g	79 60		0
Moree....	b	98 68		0
Grafton...	g	88 61		0
Gl'n Inn's	g	89 57		0
Inverell..	c	79 56		0
Bourke ..	b	94 65		0
Narrabri	b	— 63		0
Armidale	r	75 —		0
Bendem'r	c	82 54		0
Gunned'h	o	90 62		0
Coonamble	–	— —		—
Tamworth	b	98 54		0
Coonab'rn	b	86 52		0
P.Macqrie	p	79 67		0·12
Wilcannia	b	100 70		0
Murr'undi	b	91 61		0·03
Cassilis..	r	80 59		0
Mus'br'ok	b	84 64		0·14
Dubbo...	b	86 67		0
Menindie	b	92 67		0
Mudgee..	b	85 63		0
Maitland.	q	74 65		0·50
Hill End.	b	— —		0
Newcastle	c	76 66		0·49
Orange..	o	77 57		0
Bathurst	b	77 60		0
S 70		E		
Forb's	b	91 63		0
Mt Vict'ria	p	60 52		0
Condob'in	b	85 59		0
Picton..	g	78 59		0·02
Carcoar..	b	89 62		0
Wentw'th	b	100 60		0
Young...	b	93 61		0
Wollgo'ng	b	87 63		0
Hay....	b	97 62		0
Moss Vale	b	66 54		0·06
Euston...	b	99 50		0
Goulburn	b	73 54		0
Wagga...	b	86 61		0
Cape Geo.	b	71 58		0·07
Queanb'n	o	75 58		0
Deniliq'in	b	93 59		0
Moruya..	g	74 61		0
Kiandra..	–	— —		—

Alb'ry	b	86	55	0
B'd'lla	b	81	57	0
Cooma	b	81	47	0
Eden	o	76	62	0
Hahe	b	—	—	0



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

42 29·85 F 79

FINE GENERALLY

SYDNEY 0 76 64 Rain 0 018

14 30 02 F 87

14 30·02 F 76

0 30 03 F 71

TIME BALL

Drops at 1 p.m. S.M.T. from 9 to 9 a.m.

Greenwich Mean Time

Mag. Var. 9° 35 30″ E

Barometers fallen about 0·08 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from Telegrams received at 9 A.M., MARCH 9 1882 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·905
Average for 23 years from Jan. 1st to February 28 9·176
Total Rainfall from Jan. 1st to March 9 3·443
Barometers corrected to 32° Fah. and Mean Sea Level.

Curve showing state of Barometer.

Stations				
Clarence	c	87	0·42	
Tenterfield	g	75	60	0
Moree	g	90	73	0
Grafton	g	85	64	0·48
Gl'n Inn's	g	87	57	0
Inverell	c	83	54	0
Bourke	b	91	72	0
Narrabri	g	106	66	0
Armidale	g	70	—	0
Bendem'r	g	85	60	0
Gunned'h	c	98	66	0
Coonamble	c	91	64	0
Tamworth	c	102	54	0
Coonab'rra	b	88	60	0
P. Macquarie	g	80	70	0·76
Wilcannia	b	—	74	0
Murr'undi	b	76	63	0·06
Cassilis	b	80	58	0
Mus'br'ok	b	82	65	0
Dubbo	c	87	69	0
Menindie	b	93	73	0
Mudgee	g	94	66	0
Maitland	p	79	67	0
Hill End	b	—	—	0
Newcastle	c	81	67	0·33
Orange	o	78	59	0
Bathurst	g	82	61	0
Forb's	b	95	61	0
Mt Vict'ria	r	68	56	0·38
Condob'lin	b	82	62	0
Picton	g	81	63	0
Carcoar	b	—	—	0
Wentw'th	b	101	65	0
Young	b	97	60	0
Wollgo'ng	g	79	66	0
Hay	b	98	67	0
Moss Vale	c	73	62	0·03
Euston	b	105	60	0
Goulburn	g	84	59	0
Wagga	b	91	63	0
Cape Geo.	—	—	—	—
Queanb'n	b	79	63	0
Deniliq'in	b	99	63	0
Moruya	g	74	61	0
Kiandra	b	—	60	0
Albury	b	95	58	0
B'd'lla	b	80	57	0
Cooma	b	87	50	0
Eden	o	77	63	0
Gabo	b	—	—	0

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

FINE GENERALLY
SYDNEY c 78 69 Rain 0·107

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Light air
2-Light breeze
3-Mod. ,,
4-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.
or 2h. 26m. 9·198 s. in
Greenwich Mn Time
Mag. Var. 9° 35′ E

Barometer's fallen
to the Northward.
For notes
to 3 p.m. see under
shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS RECEIVED, MARCH 10 1882 with Notes to 9 a.m.

Sydney Observatory.

Lat. 33° 51′ 43″ S. ; *Long.* 10h. 4m. 50·4s. E.

Average Annual Rainfall for 21 years ..... 50·9.5

Average for 25 years from Jan. 1st to February 25 9·476

Total Rainfall from Jan 1st to March 6 3·455

Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Casino	g	86	61	0·66
Casino	b	98	60	0
Grafton	b	88	62	0
Gl'n Inn's	b	86	55	0
Inverell	b	78	59	0
Bourke	b	98	74	0
Narrabri	b	107	63	0
Armidale	b	66	—	0
Bendem'r	g	80	47	0
Gunned'h	g	95	62	0
Coonamble	b	94	68	0
Tamworth	b	99	55	0
Coonab'rn	b	90	57	0
P. Macqrie	g	81	66	0·07
Wilcannia	b	102	—	0
Murr'undi	b	82	61	0·15
Cassilis	g	81	70	0
Mus'br'ok	b	89	64	0
Dubbo	b	89	64	0
Menindie	b	102	73	0
Mudgee	b	91	62	0
Maitland	g	80	65	0·03
Hill End	b	—	—	0
Newcastle	b	82	66	0
Orange	o	84	74	0·06
Bathurst	b	81	53	0
S 72 E				
Forb's	b	91	60	0
Mt Vict'ria	g	71	55	0·10
Condob'lin	b	82	63	0
Picton	g	81	63	0·03
Carcoar	—	—	—	0
Wentw'th	b	105	67	0
Young	b	103	61	0
Wollgo'ng	c	80	66	0·09
Hay	b	100	73	0
Moss Vale	g	73	60	0·05
Euston	b	108	61	0
Goulburn	b	85	55	0
Wagga	b	91	56	0
Cape Geo.	o	77	64	0
Queanb'n	g	79	64	0
Deniliq'in	b	100	65	0
Moruya	b	78	65	0
Kiandra	b	108	62	0

Alb'ry	b	98	60	0
B'd'lla	—	—	—	—
Cooma	c	88	50	0
Eden	o	77	05	0
Gabo	b	—	—	0

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

12 29·85—S6

FINE GENERALLY

SYDNEY 0·77 63 Rain 0·012

14 29·90R S1

0 29·97 F 70

14 29·95 F 85

Barometers fallen about ... coast. ... to ... ports shipping

H.C.R.

GOVERNMENT

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., : MARCH 11 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 25 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 11 .. 3·455.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	M'x	M.	R'in
Casino..	b	82	66	0
Tenterfield	b	74	52	0
Moree....	b	96	68	0
Grafton..	b	87	61	0
Gl'n Inn's	b	89	46	0
Inverell..	b	81	55	0
Bourke ..	b	96	71	0
Narrabri	b	105	—	0
Armidale	b	79	—	0
Bendem'r	f	80	47	0
Gunned'h	b	100	66	0
Coonam'le	b	90	61	0
Tamworth	—	—	—	—
Coonab'rn	b	89	48	0
P.Macqrie	b	79	61	0
Wilcannia	b	100	70	0
Murr'undi	b	81	52	0
Cassilis..	b	80	72	0
Mus'br'ok	b	87	55	0
Dubbo...	b	88	68	0
Menindie	b	104	75	0
Mudgee..	b	97	56	0
Maitland.	b	80	57	0
Hill End.	—	—	—	—
Newcastle	b	79	57	0
Orange..	o	79	52	0
Bathurst	b	87	50	0
	E			
Forb's	b	92	65	0
Mt Vict'ria	b	75	55	0
Condob'lin	b	89	61	0
Picton..	—	—	—	—
Carcoar..	b	85	57	0
Wentw'th	b	108	71	0
Young...	b	108	69	0
Wollgo'ng	b	78	59	0
Hay....	c	104	75	0
Moss Vale	—	—	—	—
Euston...	b	111	70	
Goulburn	b	89	51	0
Wagga...	b	93	62	0
Cape Geo.	o	77	70	0
Queanb'n	b	80	61	0
Deniliq'in	b	103	61	0
Moruya..	o	77	58	0
Kiandra..	b	102	70	0

	w't	M'x	M.	R'in
Albury	c	98	64	0
B'd'lla	b	81	51	0
Cooma	c	89	52	0
Eden	b	77	62	0
Gabo	—	—	—	—

As

Curve showing state of Barometer.

Pt | AJ | Ea | CB | A | Re | P | M | WP | Go | E | Ma | Cd | Wg | S | N | PM | C | B | R | CT

30·0 ·4 ·2 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·83 F 86

FINE GENERALLY
SYDNEY b 76 61 Rain 0·000

14 29·85 F 89

14 29·80F 89

0 29·91 F 78

64 65 8 64 8 70 14 68 14 67 14 39 14 74 3 28 74 28 70 0 67 3 68 14 74 0 70

A D Re C9 P M CO WP E Ma CG Wg G PM N S

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ..

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich Mean Time
MAG. VAR. 9° 35 30 E

Barometers fallen about 0·15 on E. coast. For notes to 3 p.m. see unde shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 13 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 13 .. 3 455.
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W't	M'x	M.I	R'fin
Casino..	c	84	62	0
Tenterfild	b	83	42	0
Moree....	b	101	69	0
Grafton..	c	86	63	0
Gl'n Inn's	b	92	45	0
Inverell..	b	88	58	0
Bourke ..	b	99	70	0
Narrabri	b	111	55	0
Armidale	b	80	—	0
Bendem'r	b	89	42	0
Gunned'h	b	104	54	0
Coonamble	b	97	62	0
Tamworth	b	105	49	0
Coonab'rn	b	96	49	0
P.Macqrie	c	80	65	0
Wilcannia	b	—	—	0
Murr'undi	b	86	54	0
Cassilis..	b	79	58	0
Mus'br'ok	b	94	63	0
Dubbo...	b	94	70	0
Menindie	b	102	75	0
Mudgee..	b	105	60	0
Maitland.	c	82	60	0
Hill End.	b	—	—	0
Newcastle	c	80	66	0
Orange..	b	81	60	0
Bathurst	o	96	54	0
18 71 E				
Forb's	b	96	60	0
Mt Vict'ria	-	—	—	—
Condob'lin	b	91	65	0
Picton..	b	91	60	0
Carcoar..	b	91	70	0
Wentw'th	b	94	65	0
Young...	b	109	64	0
Wollgo'ng	b	80	63	0
Hay.....	b	105	72	0
Moss Vale	b	87	60	0
Euston...	b	99	64	
Goulburn	b	97	54	0
Wagga...	b	102	64	0
Cape Geo.	o	77	64	0
Queanb'n	b	87	63	0
Deniliq'in	b	104	7	0
Moruya..	g	77	65	0
Kiandra..	b	100	—	0

Albury	b	—	64	0
B'd'lla	b	87	58	0
Cooma	b	95	76	0
Eden	b	77	66	0
Gabo	g	—	—	—

Curve showing state of Barometer.

13 29·92 R 92

	Pe	Ay	Ba	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

○ Fine, wind N. ◐ Cloudy, wind E. ⊖ T.storm, wind S. ● Raining wind W

If it is CALM, the symbol is used without the arrow.

~ sea smooth. ≈ heavy ⋀⋀ very heavy.

14 29·75 F 82

FINE GENERALLY
SYDNEY b 77 65 Rain 0 000

28 29 86 R 74

13 72 A 18 64 23 65 Re

0 29·76F 81 D

14 29·83 F 89

23 69 P 8 68 M

8 70 CO

23 67 WP

Go 23 61

E 28 69

Ma 14 70

CG 28 70

Wg 0 76

S 1 72

N 0 72

PM 14 72

C 14 74

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ..

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR. 9° 35 30 E

Barometers fallen about 0·10 on S. coast. For notes to 3 p.m. see unde shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 14 1882 with NOTES to 3 P.M.

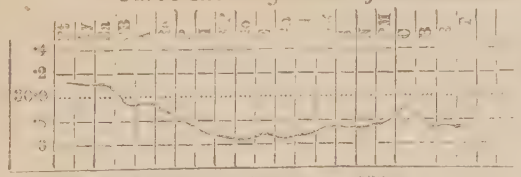
Sydney Observatory.

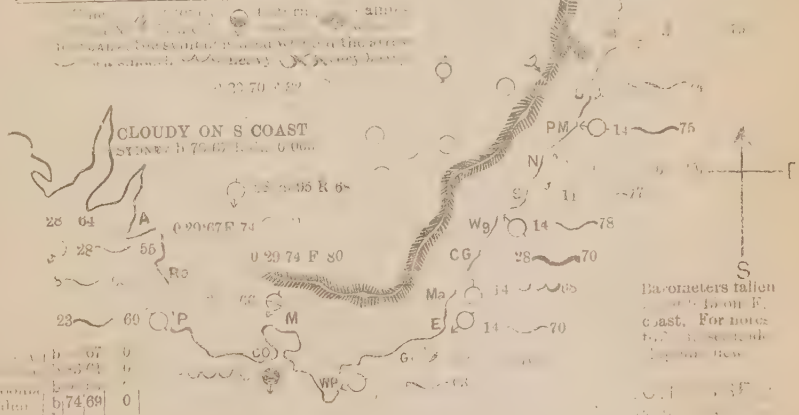
Lat. 33° 51′ 40″ S ; *Long.* 151° 12′ 50″ E.

Average Amount of Rainfall for the month ... 3·455
Average for 23 years ... February 4·576
Total rainfall to date ... March '14 3·455

Barometers corrected to 32° Fah. and Mean Sea Level.

Curve showing state of barometer





WEATHER.

b-Fine sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
05-Whole ... ing
p-Passing showers

WIND SCALE.

Stations	W'h	M'n	M'l	R'fall
Casino..	c	87·63		0
Tenterfield	b	82·50		0
Deree....	b	99·71		0
Grafton..	b	86·62		0
Cl'n Inn's	b	92·55		0
Inverell..	b	89·59		0
Bourke ..	b	100·70		0
Narrabri	b	110·62		0
Armidale	b	77 —		0
Bondem'r	b	92·54		0
Gunned'h	—	—	—	—
Coonam'le	b	96·65		0
Tamworth	b	108·49		0
Goonab'rn	b	99·71		0
P.Macqrie	b	87·60		0
Wilcannia	b	—		0
Murr'undi	b	99·71		0
Cassilis..	b	87·60		0
Mus'br'ok	b	92·67		0
Dubbo...	b	96·70		0
Menindie	c	97·72		0
Mudgee..	b	104·65		0
Maitland.	g	81·65		0
Hill End.	b	—		0
Newcastle	b	83·66		0
Orange..	b	87·57		0
Bathurst	b	96·57		0
13 65		8		
Forb's	c	90·65		0
Mt Vict'ria	—	—	—	—
Condob'lin	—	—		
Cicton..	c	88·61		0
Carcoar..	b	90·65		9
Wentw'th	b	95·60		0
Young...	b	110·67		0
Wollgo'ng	b	90·66		0
Hay....	b	105·70		0
Moss Vale	b	85·62		0
Euston...	b	104·59		0
Goulburn	b	98·65		
Wagga....	b	101·67		0
Cape Cod.	b	76·63		0
Deniliq'n	b	104·62		0
Moruya..	b	76·62		0
Kiandra..	b	90·65		0

Barometers fallen ... from F.
Coast. For notes ...

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 15 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50 81*s E*

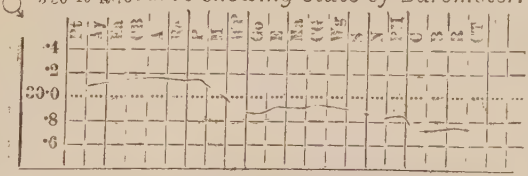
Average Annual Rainfall for 21 years	.....		50·975
Average for 23 years from Jan. 1st to		February 28	9·476
Total Rainfall from Jan. 1st to		March 15	3·455

Barometers corrected to 32° Fah and Mean Sea Level

Stations	W't	w's	M.	R'in
Casino..	b	92 60		0
Tenterfield	b	88 52		0
Moree....	b	101 72		0
Grafton..	b	91 59		0
Gl'n Inn's	b	92 54		0
Inverell..	b	84 65		0
Bourke ..	b	102 64		0
Narrabri	b	111 65		0
Armidale	b	83 —		0
Bendem'r	b	91 53		0
Gunned'h	b	105 66		0
Coonam'le	b	99 58		0
Tamworth	b	105 56		0
Coonab'rn	b	98 59		0
P. Macqrie	g	81 71		0
Wilcannia	b	100 66		0
Murr'undi	g	91 64		0
Cassilis..	g	95 70		0
Mus'br'ok	g	100 67		0
Dubbo...	b	92 63		0
Menindie	b	83 59		0
Mudgee..	g	105 59		0
Maitland.	g	85 65		0
Hill End.	—	—	—	—
Newcastle	q	84 65		0
Orange..	b	87 49		0
Bathurst	b	95 52		0
Forb's	b	102 68		0
Mt Vict'ria	—	—	—	—
Condob'lin	—	—	—	—
Picton..	b	92 69		0
Carcoar..	b	87 60		0
Wentw'th	b	77 51		0
Young...	b	107 49		0
Wollgo'ng	—	—	—	—
Hay....	b	85 57		
Moss Vale	b	89 56		0·02
Euston...	b	83 44		0
Goulburn	b	96 53		
Wagga...	b	98 59		0
Cape Geo.	b	94 56		0
Queanb'n	b	85 53		0
Deniliq'n	b	86 50		0
Moruya..	b	75 46		0
Kiandra..	b	57 27		0

Albury	b	98	45	0
B'd'lla	b	82	50	0·10
Cooma	c	88	44	0
Eden	b	78	54	0·03
Jabe	f	—	—	0·53

3 20·19 R 75 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

42 20·96 R 73

CLOUDY ON S E COAST

STONE. b 79 63 Rain 0 000

23 30·22 R 60

30·05 R 58

14 30·05 R 64

WIND SCALE.

M'ls	
13	Lt breze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

WEATHER.

b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL

Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG VAR. 9° 35 30 E

Barometers risen about ·25 on S. E. coast. For hours of issue of telegraphic despatches, &c., see Notes.

H. C. RUSSELL

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 16 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* : *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 25 years from Jan. 1st to ... February 28 9·476
Total Rainfall from Jan. 1st to ... March 16 .. 3·455
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W'th	M'x	M.L	R'in
Casino..	c	89	67	0
Tenterfild	b	88	54	0
Moree....	b	94	62	0
Grafton..	b	91	62	0
Gl'n Inn's	c	92	55	0
Inverell..	b	81	57	0
Bourke ..	b	86	60	0
Narrabri	b	111	59	0
Armidale	b	83	—	0
Bendem'r	b	91	50	0
Gunned'b	b	102	56	0
Coonam'le	—	—	—	—
Tamworth	b	101	53	0
Coonab'rn	b	87	56	0
P.Macqrie	b	74	52	0
Wilcannia	b	90	71	0
Murr'undi	b	76	54	0
Cassilis..	b	90	60	0
Mus'br'ok	b	77	53	0
Dubbo...	b	83	63	0
Menindie	b	78	53	0
Mudgee..	b	93	56	0
Maitland.	b	72	55	0
Hill End .	—	—	—	—
Newcastle	b	82	60	0
Orange..	b	78	46	0
Bathurst	b	81	44	0
○ 0 —	E			
Forb's	b	96	60	0
Mt Vict'ria	b	69	47	0
Condob'in	—	—	—	—
Picton..	b	74	50	0
Carcoar..	b	81	52	0
Wentw'th	b	77	50	0
Young...	b	92	51	0
Wollgo'ng	b	71	52	0
Hay....	b	78	49	
Moss Vale	b	69	47	0
Euston...	b	82	48	0
Goulburn	b	86	43	
Wagga...	b	78	47	0
Cape Geo.	b	81	56	0
Queanb'n	b	78	49	0
Deniliq'n	b	72	38	0
Moruya..	b	72	50	0
Kiandra..	b	65	32	0

Alb'ry	b	94	45	0
B'd'lla	b	76	41	0
Cooma	b	65	37	0
Eden	c	71	57	0
Gabo	b			0·02

Marks showing state of Barometer.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·96 S 73

FINE GENERALLY
SYDNEY b 71 60 Rain 0·000

14 30·16 F 66
14 30·01 F 57
14 30 01 F 62

WIND SCALE. M'ts
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR. 9° 35 30 E

Barometers risen about 0·09 on E. coast. For notes to 3 p.m. see unde shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 17 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 17 .. 3·455
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	w't	m'x	m.n	R'in
Casino..	b	88	62	0
Tenterfild.	–	—	—	—
Moree....	b	93	63	0
Grafton..	b	93	64	0
Gl'n Inn's	b	92	59	0
Inverell..	b	82	55	0
Bourke ..	b	91	62	0
Narrabri	b	102	53	0
Armidale	b	73	—	0
Bendem'r	b	85	49	0
Gunned'h	–	—	—	—
Coonam'le	b	86	55	0
Tamworth	b	94	50	0
Coonab'rn	b	90	45	0
P.Macqrie	b	77	69	0
Wilcannia	b	100	71	0
Murr'undi	b	82	53	0
Cassilis..	b	81	71	0
Mus'br'ok	b	88	58	0
Dubbo....	b	84	58	0
Menindie	b	84	59	0
Mudgee..	b	93	57	0
Maitland.	b	78	59	0
Hill End..	–	—	—	—
Newcastle	b	84	51	0
Orange..	b	78	45	0
Bathurst	b	82	46	0
13 67		8		
Forb's	b	86	51	0
Mt Vict'ria	b	75	53	0
Condob'ln	b	77	44	0
Picton..	b	79	54	0
Carcoar..	b	78	51	0
Wentw'th	b	83	56	0
Young....	b	91	47	0
Wollgo'ng	b	75	60	0
Hay.....	b	80	50	0
Moss Vale	b	75	54	0
Euston...	b	84	64	0
Goulburn	b	82	41	0
Wagga...	b	79	46	0
Cape Geo.	b	70	59	0
Queanb'n	o	70	54	0
Deniliq'in	b	80	49	0
Moruya..	b	71	66	0
Kiandra..	b	68	41	0
Alb'ry	b	83	41	0
B'd'lla	b	76	48	0
Cooma	b	78	37	0
Eden	b	71	53	0
Gabo	–	—	—	—

As 8 30·13 R 87

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

30·4 30·2 30·0 29·8 29·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·95 F 72

FINE GENERALLY
SYDNEY c 74 66 Rain 0·000

28 30·06 F 67

8 61 A 14 29·89 F 65 D

23 59

— 29·92 F 69

61 Re

8 55

28 63 P M

8 56 CO

WP 8 57

E 14 66

Ma 14 62

Go 8 64

CG 28 64

Wg 14 73

S 1 71

N 2 70

PM 28 76

C 28 78

B

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR. 9° 35 30 E

W E S

Barometers risen about 0·09 on S. W. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 18 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

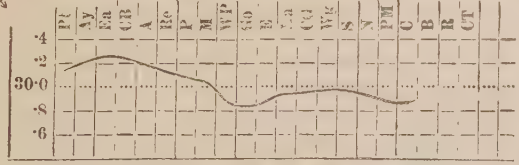
Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 18 3·455
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	W't	m'x	m'n	Rain
Casino..	b	94	61	0
Tenterfild	b	85	50	
Moree....	b	96	63	0
Grafton..	b	92	67	0
Gl'n Inn's	b	92	43	0
Inverell..	b	81	55	0
Bourke ..	b	88	63	0
Narrabri	b	90	50	0
Armidale	b	78	—	0
Bendem'r	b	85	44	0
Gunned'h	b	81	38	0
Coonam'le	-	—	—	—
Tamworth	b	95	41	0
Goonab'rn	b	87	51	0
P. Macqrie	b	83	64	0
Wilcannia	b	100	71	0
Murr'undi	b	84	56	0
Cassilis..	b	93	55	0
Mus'br'ok	b	93	54	0
Dubbo...	b	84	61	0
Menindie	b	84	61	0
Mudgee..	b	92	57	0
Maitland.	b	84	60	0
Hill End.	-	—	—	—
Newcastle	b	82	65	0
Orange..	b	71	51	0
Bathurst	b	81	50	0
Forb's	b	85	55	0
Mt Vict'ria	b	75	52	0
Condob'lin	b	72	40	0
Picton..	b	84	55	0
Carcoar..	b	85	60	0
Wentw'th	b	79	53	0
Young...	b	93	52	0
Wodgo'ng	b	79	53	0
Hay...	c	81	50	0
Moss Vale	b	78	56	0
Euston...	g	80	54	0
Goulburn	b	80	45	0
Wagga....	b	82	40	0
Cape Geo.	b	89	61	0
Queanb'n	b	75	53	0
Deniliq in	-	—	—	—
Moruya..	b	77	54	0·08
Kiandra..	b	70	49	0

Albury	b	85	49	0
B'd'lla	b	8-	—	0
Cooma	b	78	42	0·04
Eden	b	79	55	0
Babo	b	—	-	0·01

8 30·24 R 80

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

42 29·99 R 75

CLOUDY on SW. COAST

SYDNEY 0 76 64 Rain 0·000

42 30 03 F 60

8 63 A 1429·99 R 60 D

18 59

13 62 Re

2 30 02 R 64

28 59 P 13 59 M

28 57 CO WP 34 55

Ma 14 69

E 14 65

G 23 65

S 16 78

W 14 68

C 28 64

PM

N

G

B

F

MILES
WIND
SCALES
15-Light breeze
25-Mod. "
34-Fresh "
50-Fine gale
65-Whole "

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 20 1882 with NOTES to 3 P.M.

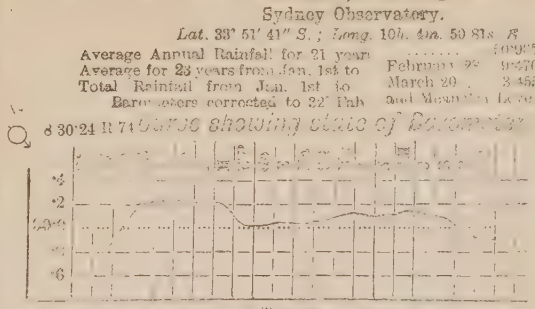
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·955
Average for 25 years from Jan. 1st to February 28 ... 9·276
Total Rainfall from Jan. 1st to March 20 ... 3·455
Barometers corrected to 32° Fah and Mean Sea Level

	W'fall	B'm'r	Sal.	R'fall
[illegible]	b	90	55	0
[illegible]		82	51	
[illegible]	b	94	63	0
[illegible]	c	30	65	0·18
[illegible]	b	91	50	0
[illegible]		79	56	0
Bourke	b	82	58	0
Nyngan	b	101	50	0
Armidale	b	78	—	0
Bellingen	b	81	41	0
Casino	b	97	46	0
[illegible]	b	82	54	0
Tamworth	b	83	52	0
Coonamble	b	87	43	0
Hillston	b	88	64	0
Wilcannia	b	100	91	0
Murrumbidgee	b	81	53	0
Gunnedah	b	90	74	0
Moree	b	86	57	0
Inverell	b	80	37	0
Hexham	b	79	55	0
Singleton	b	93	50	0
Maitland	b	80	60	0
Hunter Dist.	—	—	—	—
Newcastle	b	80	66	0
Orange	b	71	46	0
Bathurst	b	79	40	0
8 69				
Forb's	b	78	52	0
Mt Victoria	b	74	47	0
Londob'lin	b	74	44	0
Cotton	b	80	54	0
Carcoar	b	76	56	0
Wentw'th	b	80	52	0
Young	b	92	42	0
Wollong'ng	b	80	61	0
Kiama	b	77	41	0
Moss Vale	b	76	50	0
Braidwood	b	81	40	0
Cooma	b	79	42	0
Wagga	b	82	40	0
Jugiong	b	78	56	0
Queanb'n	b	73	48	0
Deniliq'n	b	72	44	0
Moruya	b	78	58	0
Braidwa	b	95	45	0

Albury	b	81	40	0
B'd'lla	b	79	51	0
Cooma	b	73	39	0
Eden	b	75	61	0
[illegible]				



Line, Direction, Velocity, Temperature, Rain.
wind N. wind E. wind S. wind W.
When it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

28 30·10 R 72

FINE GENERALLY

STONE, b 78·65 Rain 0·009

28 30·29 R 62

080·19 R 59

0 30 18 R 60

WEATHER.
b-Blue sky.
c-Scattered cloud
d-Drizzling rain
f-Fog
g-Cirro-cumulus
h-Hail
i-Lightning
k-Rain
l-Snow
m-Cumulus
n-Fine
o-Thunder
p-Rain
q-Cirro-stratus
r-Nimbus
s-Stratus
t-Cumulo-stratus
u-Thunder storm
v-Mist
w-Dew
x-Haze
y-Sleet
z-Snow storm

Barometers risen [illegible] to 3 p.m. see note shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 52′ 0″ S. Long. 10h. 4m. 50·81s E.

Annual Rainfall [illegible] years ... ... (09·5)

Average Amount for 23 days to February 23 ... 1·76

Total Rainfall from January 1 to March 21 ... 5·55

Curve showing state of Barometer.

Stations.	wt			
Casino ..	b	83	57	0
T'nt'rfield	b	76	54	0
Moree ..	c	92	[illegible]	0
Grafton.	b	84	62	0
Gl'n Inn's	c	91	5[illegible]	0
Inverell ..	b	89	58	0
Bourke ..	b	84	[illegible]	0
Narrabri .	g	90	59	0
Armidale.	b	78	[illegible]	[illegible]
Bendem'r	b	80	[illegible]	11
Gunnedah	g	[illegible]	[illegible]	[illegible]
C'n'mble .	b	88	57	0
Tamw'rth	b	90	57	0·03
Coonab'n	b	[illegible]	[illegible]	0
P.Macqrie	b	[illegible]	[illegible]	0
Wilcannia	b	[illegible]	[illegible]	0
Murr'undi	b	82	54	0
Cassilis	b	83	56	0
Mus'br'ok	b	91	60	0
Dubbo ..	b	84	63	0
Menindie	b	82	58	0
Mudgee .	b	[illegible]	[illegible]	0
Maitland	b	85	60	0
Hill End .	[illegible]	[illegible]	[illegible]	[illegible]
Newcastle	b	83	68	0
Orange ..	b	74	[illegible]	0
Bathurst .	b	80	5[illegible]	0
Forbes	b	[illegible]	57	0
	E.			
M.Vict'ria	b	74	53	0
Cond'b'lin	b	74	48	0
Picton. ..	[illegible]	[illegible]	[illegible]	0
Carcoar..	b	[illegible]	[illegible]	0
Wentw'th	b	81	52	0
Young .	b	93	56	0
Woll'gong	b	[illegible]	[illegible]	0
Hay.....	b	81	[illegible]	0
Moss Vale	b	78	58	0
Euston ..	b	87	[illegible]	0
Goulburn	b	88	[illegible]	0
Wagga ..	b	79	46	0
Cape Geo.	[illegible]	[illegible]	[illegible]	0
Queanb'n	b	75	58	0
Deniliq'n	b	80	41	0
Moruya .	c	76	63	0
Kiandra..	c	97	44	0

Albury	b	88	15
Bal'fla	b	79	59
[illegible]	g	82	46
[illegible]	b	73	6

0·04

0

0

0

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
j-Lightning
m-Misty
o-Front
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

1-Light breeze
2-Mod. "
3-Fresh "
5-Strg gale
6-Whole "

TIME BALL
Drop at 1 p.m. M
or 2h 55m 9·19s a.m.
Greenwich Mean Time
MAG. VAR, 9°35′30″E.

FINE GENERALLY

Syd'y b 78 65 Rain 0·00

Barometers risen about 0·05 on E. Wales For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., . MARCH 22 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

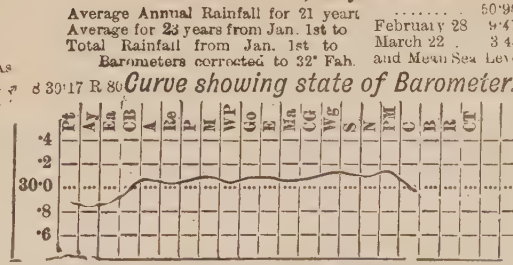
Average Annual Rainfall for 21 years . . . . . 50·965
Average for 23 years from Jan. 1st to February 28 . 9·476
Total Rainfall from Jan. 1st to March 22 . . 3·455
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	M'n	R'fall
Casino ..	b	87	55	0·19
T'nt'rfield	c	75	51	0
Moree ..	b	94	60	0
Grafton..	g	84	64	1·40
Gl'n Inn's	u	90	49	0·38
Inverell..	b	89	55	0
Bourke ..	b	90	65	0
Narrabri:	b	99	54	0
Armidale.	b	74	–	0
Bendem'r	b	82	42	0·15
Gunned'h	g	99	55	0·11
C'a'mble.	b	91	57	0
Tamw'rth	b	97	52	0·18
Coonab'n.	b	87	50	0·18
P.M'cqrie	b	80	60	0
W'lcannia	b	90	61	0
Murr'ndi	b	80	55	0
Cassilis ..	b	77	60	0
Mus'br'ok	b	91	59	0
Dubbo ..	b	87	63	0
Menindie	b	83	65	0
Mudgee..	b	98	57	0
Maitland	b	82	60	0
Hill End .	b	—	–	0·20
Newcast'e	b	83	67	0
Orange ..	b	77	46	0·35
Bathurst	b	85	51	0·31
8 71 E				
Forbs	b	89	59	0
M.Vict'ria	b	77	53	0
Cond'b'in	b	76	52	0
Picton. ..	b	84	53	0
Carcoar..	b	84	59	0·19
Wentw'th	b	91	53	0
Young ..	b	100	57	0
Woll'g'ng	b	89	60	0
Hay.....	b	89	59	0
Moss Vale	b	80	5?	0
Euston ..	b	98	45	0
Goulburn	b	90	52	0
Wagga ..	b	85	41	0
Cape Geo.	b	88	54	0
Queanb'n	b	79	53	0
Deniliq'n	b	82	46	0
Moruya ..	c	96	59	0
Kiandra	b	99	47	0

Alb'ry	b	89	47	0
B'd'lla	b	80	55	0
Cooma	b	88	45	0
Eden	b	75	62	0
Gabo		–	–	0

8 30·17 R 80

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29·95 F 79

FINE GENERALLY
SYDNEY b 78 63 Rain 0·000

14 30·19 F 68

8 81 A 0 30·10 F 68 D

18 75

14 30·14 F 66

0 64 Re

3 64

0 63 P M

0 67 CO

WP 13 64

E 28 71

Ma 14 67

CG 14 66

N 3 80

S 4 72

W8 14 75

PM 1 1

C 14 66

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lit brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. M
or 2h 55m 9·198 s m
Greenwich M p time

MAG. VAR. 9°35′30″ E.

Barometers fallen generally about 0·05. For notes to 3 p.m. see and r shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., 23 MARCH 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 23 .. 3·456
Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wt	m x	m n	r'fall
Casino ..	b	84	55	0
T'nt'rfield	b	89	47	0
Moree ..	b	92	65	0
Grafton ..	g	84	64	0
Gl'n Inn's	b	91	50	0
Inverell ..	b	85	58	0
Bourke ..	b	94	67	0
Narrabri	b	101	52	0
Armidale	b	73	—	0
Bendem'r	b	79	37	0
Gunned'h	b	96	53	0
C'n'mble .	b	88	57	0
Tamw'rth	b	92	51	0
Coonab'n.	b	85	47	0
P.M'cqrie	b	80	65	0
W'lcannia	b	90	71	0
Murr'ndi	b	81	53	0
Cassilis ..	b	78	67	0
Mus'br'ok	b	88	56	0
Dubbo ..	c	87	63	0
Menindie	b	92	63	0
Mudgee ..	b	97	57	0
Maitland	b	82	59	0
Hill End .	c	—	—	0·78
Newcast'e	b	82	64	0
Orange ..	b	76	53	0
Bathurst	b	83	49	0
18 90 Forbs	b	89	58	0
M.Vict'ria	b	76	54	0
Cond'b'in	b	79	54	0
Picton. ..	b	84	52	0
Carcoar ..	b	80	56	0
Wentw'th	b	93	55	0
Young ..	b	100	56	0
Woll'g'ng	b	89	60	0
Hay.....	b	95	61	0
Moss Vale	b	78	53	0
Euston ..	b	97	47	0
Goulburn	b	88	47	0·02
Wagga ..	b	88	51	0
Cape Geo.	c	88	57	0
Queanb'n	b	80	54	0
Deniliq'n	b	92	42	0
Moruya ..	g	76	48	0
Kiandra	b	102	49	0

Alb'ry	b	92	52	0
B'd'lla	b	80	53	0·02
Cooma	b	85	44	0
Eden	b	78	56	0
Gabo	c	—	—	0

Curve showing state of Barometer.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

FINE GENERALLY
SYDNEY b 73 63 Rain 0·000

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

M'l's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. M M
or 2h 55m 9·19s a.m
Greenwich Mn Time
MAG. VAR. 9°35′30″E.

Barometers risen about 0·08 on S. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 24 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·31*s* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 ... 9·476
Total Rainfall from Jan. 1st to March 24 ... 3·456
Barometers corrected to 32° Fah. and Mean Sea Level

WIND SCALE.
13-Li't breeze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
n-Mist
p-Frost
q-Passing showers
s-Squally
r-Rain
t-Thunder
w-Threatening

Curve showing state of Barometer.

M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F

Fine, wind N. | Cloudy, wind E. | T.storm, wind S. | Raining wind W

If 13 is calm, the symbol is used without the arrow.

Greenwich Mean Time
Mag. Var. 9° 35′ 30″ E.

FINE GENERALLY

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see land & shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	Wt			
Casino ..	b	86 55	0	0·05
Tnt'fld	b	73 57	0	
Moree ..	b	85 68	0	
Grafton ..	b	85 [illegible]	0	0·61
Glen Innes	b	80 54	0	
Inverell ..	b	86 58	0	0·15
Bourke ..	b	93 57	0	
Narrabri	b	1 [illegible]	0	
Armidale.	b	74 [illegible]	0	
Bendem'r	b	81 [illegible]	0	
Gunned'h	b	86 55	0	
C'n'mble.	b	87 [illegible]	0	
Tamw'rth	b	90 [illegible]	0	
Coonab'n.	b	[illegible]	0	
P.M'quarie	g	[illegible]		
W'icannia	b	[illegible]	0	
Murr'ndi	b	[illegible]		
Cassilis ..	b	[illegible]	0	
Mudg'br'ok	b	88 [illegible]	0	
Dubbo ..	b	[illegible]	0	
Menindie	b	[illegible]	0	
Mudgee ..	b	75 57	0	
Maitland	b	83 66	0	
Hill End .	-	-		
Newcast'e	b	82 65	0	
Orange ..	b	78 54	0	
Bathurst	b	83 55	0	
23 70				
Forbes'	b	91 57	0	
M.Victoria	b	71 [illegible]	0	
Cond'b'in	b	79 [illegible]	0	
Picton ..	b	84 56	0	
Carcoar ..	b	85 60	0	
Wentw'th	g	99 60	0	
Young ..	b	103 62	0	
Wollong	b	73 [illegible]	0	
Hay	b	[illegible]	0	
Moss Vale	b	79 [illegible]	0	
Euston ..	b	99 [illegible]	0	
Goulburn	b	87 55	0	
Wagga ..	b	89 53	0	
Cape Geo.	b	77 71	0	Alb'ry b 91 54 0
Queanb'n	b	79 53	0	R'd'lla b 80 55 0
Braidw'n	b	95 [illegible]	0	Cooma b 85 42 0
Moruya ..	b	76 60	0	Eden b 75 65 0
Kiandra	b	100 51	0	Gabo b - - 0·09

WEATHER MAP.

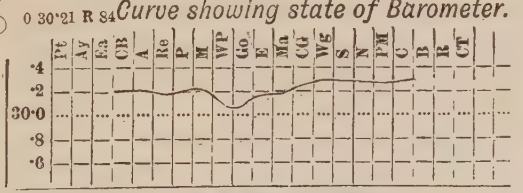
COMPILED from TELEGRAMS for 9 A.M., MARCH 25 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 25 . 3·458
Barometers corrected to 32° Fah. and Mean Sea Leve

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. 1-Li't brze 2-Mod. " 3-Fresh " 5-Strg gale 6-Whole ..

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thundor
u-Threatening

TIME BALL
Drops at 1 p.m. S M or 2h 55m 9·19s a m Greenwich M n Time
MAG. VAR. 9°35′30″E.

CLOUDY IN VICTORIA
SYDNEY b 78 63 Rain 0·000

42 30·20 R 77
28 30 79 R 82
14 30·24 R77
14 30·29 R 76

Barometers risen about 0·16 on S. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	m	m.	r'in
Casino ..	b	82	61	0·45
T'ut'rfield	c	70	58	0
Moree ..	b	—	66	0
Grafton..	b	83	64	0
Gl'n Inn's	b	89	55	0
Inverell..	b	79	56	0
Bourke ..	b	93	67	0
Narrabri:	b	104	51	0
Armidale.	b	69	—	0
Bendem'r	u	76	35	0
Gunned'h	b	94	54	0
C'n'mble.	b	86	62	0
Tamw'rth	b	94	43	0
Coonab'a.	b	86	45	0
P.M'cqrie	b	81	59	0
W'lcannia	b	95	72	0
Murr'ndi	b	96	72	0
Cassilis ..	b	79	69	0
Mus'br'ok	b	88	54	0
Dubbo ..	b	87	55	0
Menindie	b	96	71	0
Mudgee..	b	89	57	0
Maitland	b	82	58	0
Hill End .	-	—	—	—
Newcast'e	b	81	63	0
Orange ..	b	76	52	0
Bathurst	b	83	48	0
orbs	b	96	77	0
M.Viet'ria	b	73	54	0
Cond'b'in	b	82	55	0
Picton. ..	b	84	52	0
Carcoar..	b	85	60	0
Wentw'th	o	102	70	0
Young ..	b	100	50	0
Woll'g'ng	b	89	64	0
Hay.....	b	98	67	0
Moss Vale	b	77	56	0
Euston ..	b	104	63	0
Goulburn	b	86	48	0
Wagga ..	b	90	59	0
Cape Geo.	-	—	—	—
Queanb'n	b	80	56	0
Deniliq'n	b	97	68	0
Moruya ..	b	78	63	0
Kiandra	b	100	53	0
Alb'ry	b	95	53	0
B'd'lla	b	80	53	0
Cooma	b	87	43	0
Eden	b	76	62	0
Gabo	-	—	—	—

WEATHER MAP.

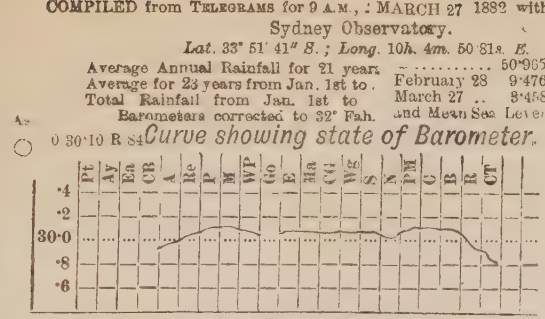
COMPILED from TELEGRAMS for 9 A.M., : MARCH 27 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 27 .. 9·458
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M A	M.I	R'fall
Casino ..	b	83	53	0
T'nt'rfield	b	80	49	0
Moree ..	b	—	66	0
Grafton..	b	89	61	0
Gl'n Inn's	b	92	47	0
Inverell..	b	80	53	0
Bourke ..	b	90	64	0
Narrabri:	b	103	53	0
Armidale.	b	75	—	0
Bendem'r	b	82	37	0
Gunned'h	b	81	45	0
C'n'mble..	b	87	58	0
Tamw'rth	b	97	50	0
Coonab'n.	b	91	49	0
P.M'cqrie	m	80	62	0
W'lcannia	b	100	71	0
Murr'ndi	b	81	52	0
Cassilis ..	b	95	70	0
Mus'br'ok	g	91	69	0
Dubbo ..	b	83	62	0
Menindie	b	94	70	0
Mudgee..	o	90	64	0
Maitland	o	82	59	0
Hill End .	o	—	—	—
Newcast'e	b	81	61	0
Orange ..	o	79	52	0
Bathurst	g	88	50	0
Forbs	o	96	62	0
M,Viet'ria	u	78	69	0
Cond'b'in	b	79	54	0
Picton. ..	g	84	60	0
Carcoar..	o	79	60	0
Wentw'th	o	97	66	0
Young ..	o	95	70	0
Woll'g'ng	o	79	50	0
Hay.....	b	98	65	0
Moss Vale	o	73	62	0
Euston ..	b	99	67	0
Goulburn	o	—	87	0·61
Wagga ..	b	91	61	0
Cape Geo.	g	81	60	0
Queanb'n	g	80	63	0·03
Deniliq'n	b	97	55	0
Moruya ..	o	75	62	0·04
Kiandra	b	101	52	0
Alb'ry	b	96	61	0
B'd'lla	-	—	—	—
Cooma	o	71	53	0·03
Eden	g	70	60	0
Gabo	-	—	—	—



Fine, wind N. Cloudy, wind E. T,storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·03 F 80

FINE GENERALLY
SYDNEY 0 78 63 Rain 0·000

14 30 11 F 80

13 87 A 14 30·06 F 65 D

23 72

0 30·08 F 74

13 56 Re

23 58 P 8 63 M

13 63 CO

WP 8 63

Ma 14 62

E 0 62

Go

CG 28 34

Wg 14 72

S 9 73

N 0 72

PM 14 71

C 14 73

B 3 72

R 8 74

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALES. MI's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR. 9°35′30″ E.

W E S

Barometers fallen generally about 0·10. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 28 1882 with NOTES to 3 P.M.

Sydney Observatory.

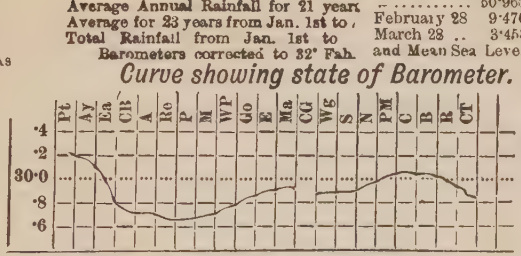
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 28 .. 3·458
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M.x	M.	R'in	
Casino ..	b	89	55	0	
T'nt'rfield	b	83	48	0	
Moree ..	b	—	70	0	
Grafton ..	b	91	65	0	
Gl'n Inn's	b	91	43	0	
Inverell ..	b	81	60	0	
Bourke ..	b	95	76	0	
Narrabri	b	104	63	0	As
Armidale.	b	76	—	0	
Bendem'r	b	84	48	0	
Gunned'h	b	98	56	0	
C'n'mble .	b	91	62	0	
Tamw'rth	b	97	63	0	
Coonab'n.	b	92	54	0	
P.M'cqrie	b	81	65	0	
W'lcannia	b	80	61	0	
Murr'ndi	b	82	52	0	
Cassilis ..	b	82	72	0	
Mus'br'ok	b	95	60	0	
Dubbo ..	b	81	63	0	
Menindie	b	98	75	0	
Mudgee ..	b	97	58	0	
Maitland	b	87	61	0	
Hill End .	–	—	—	—	
Newcast'e	b	80	64	0	
Orange ..	b	78	53	0	
Bathurst	b	86	52	0	
8 65 Forbs	b	97	59	0	
M.Vict'ria	b	73	60	0	
Cond'b'in	b	81	65	0	
Picton. ..	b	85	56	0	
Carcoar ..	b	89	58	0	
Wentw'th	t	102	67	0·01	
Young ..	b	102	61	0	
Woll'g'ng	b	82	61	0	
Hay.....	b	100	72	0	
Moss Vale	b	79	58	0	
Euston ..	c	105	67	0	
Goulburn	b	88	55	0	
Wagga ..	b	90	48	0	
Cape Geo.	b	76	61	0	
Queanb'n	b	78	57	0	
Deniliq'n	c	94	64	0	
Moruya ..	f	73	63	0	
Kiandra	b	70	47	0	

Alb'ry	c	—	55	0
B'd'lla	b	72	50	0
Cooma	cf	89	47	0
Eden	b	72	61	0
Gabo	–	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

42 29·89 F 86

CLOUDY S. SW. COAST
SYDNEY f 79 65 Rain 0·000

14 29 89 F 69

28 29·80 F 80

0 29·92 F 71

WIND SCALE.
0-Calm
1-Li't brze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M n Time
MAG. VAR, 9°35′30″ E.

Barometers fallen generally about 0·16. For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

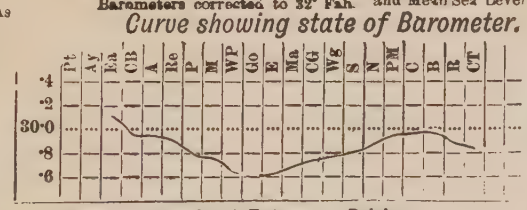
COMPILED from TELEGRAMS for 9 A.M., MARCH 29 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to ..... February 29 9·476
Total Rainfall from Jan. 1st to ..... March 28 .. 3·458
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	M'x	M'n	R'fall	
Casino ..	b	91	55	0	
T'nt'rfield	b	84	51	0	
Moree ..	g	71	—	0	
Grafton..	b	91	63	0	
Gl'n Inn's	b	90	37	0	
Inverell..	b	82	56	0	
Bourke ..	g	99	73	0·01	
Narrabri..	g	98	62	0	As
Armidale.	g	78	—	0	
Bendem'r	b	85	44	0	
Gunned'h	g	102	64	0	
C'n'mble.	g	92	66	0·15	
Tamw'rth	g	99	63	0	
Coonab'n.	g	94	54	0	
P.M'cqrie	b	82	69	0	
W'lcannia	g	90	61	0	
Murr'ndi	b	87	72	0	
Cassilis ..	g	84	72	0	
Mus'br'ok	b	97	69	0	
Dubbo ..	b	91	71	0·09	
Menindie	g	92	66	0	
Mudgee..	b	87	64	0	
Maitland	–	—	—	—	
Hill End .	–	—	—	—	
Newcast'e	b	85	70	0	
Orange ..	g	83	61	0·03	
Bathurst	b	89	63	0	
13 65 Forbes	b	99	63	0·19	
M.Viet'ria	g	82	64	0	
Cond'b'in	g	76	51	0	
Picton. ..	b	91	67	0	
Carcoar..	r	80	66	0·22	
Wentw'th	g	86	59	0·01	
Young ..	g	94	64	0·41	
Woll'g'ng	b	89	66	0	
Hay.....	b	95	60	0	
Moss Vale	b	87	66	0	
Euston ..	g	82	59	0	
Goulburn	g	92	63	0	
Wagga ..	b	93	60	0·45	
Cape Geo.	b	71	67	0	
Queanb'n	g	79	63	0·17	
Deniliq'n	b	94	56	0·03	
Morwya..	g	78	56	0	
Kiandra	p	53	32	2·20	

Alb'ry	g	91	59	0·54	
B'd'lla	b	85	55	0	
Cooma	g	89	56	0·10	
Eden	b	74	63	0	
Gabo	–	–	—	—	

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

28 29·87 F 7·8

CLOUDY GENERALLY
SYDNEY g 80 67 Rain 0·000

28 30 01 R 62

14 29·82 R 64

42 29·12 F 6·6

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Lt. brze
2-Mod. „
3-Fresh „
4-Strg gale „
5-Whole „

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich Mn Time
MAG. VAR, 9°35′30″E.

Barometers fallen about 0·12 on E. coast. For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MARCH 30 1892 with NOTES to 3 P.M.

Sydney Observatory.

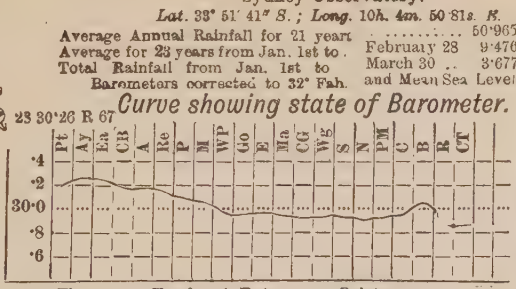
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 30 .. 3·677
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m's	m.	rain
Casino ..	b	91	61	0
T'nt'rfield	g	85	63	0
Moree ..	g	—	70	0·44
Grafton..	g	98	63	0
Gl'n Inn's	r	91	62	0·07
Inverell..	b	82	54	0
Bourke ..	b	90	64	0
Narrabri	b	84	72	0·64
Armidale	g	78	—	0·51
Bendem'r	g	81	49	0·15
Gunned'h	b	88	60	0·23
C'n'mble	b	88	52	0·03
Tamw'rth	g	91	62	0·16
Coonab'n.	o	92	53	0·35
P.M'cqrie	o	81	69	0
W'lcannia	b	80	61	0
Murr'ndi	o	82	63	0·10
Cassilis ..	b	80	73	0·06
Mus'br'ok	b	96	56	0·01
Dubbo ..	b	90	69	0·07
Menindie	c	83	61	0
Mudgee..	b	84	59	0·74
Maitland	c	91	69	0
Hill End .	-	—	—	0·38
Newcast'e	c	93	69	0
Orange ..	b	73	50	0·38
Bathurst	b	62	55	0·41
8 66 E				
Forbs	b	90	55	0
M.Vict'ria	b	7	5.	0·41
Cond'b'in	b	73	48	0
Picton. ..	b	90	64	0·19
Carcoar..	b	80	56	0·30
Wentw'th	b	76	57	0
Young ..	b	80	49	0
Woll'g'ng	b	94	63	0·15
Hay.....	b	95	60	0
Moss Vale	b	82	53	0·40
Euston ..	c	80	49	0
Goulburn	b	78	49	0·05
Wagga ..	o	75	40	0
Cape Geo.	b	89	63	0
Queanb'n	b	77	53	0
Deniliq'n	b	73	52	0
Moruya ..	c	99	48	0
Kiandra	b	79	48	0·42

Alb'ry	c	75	54	0
B'd'lla	b	92	47	0
Cooma	c	78	48	0
Eden	o	75	59	0·09
Gabo	q	-	—	0·05

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·26 R 67

28 30·02 R 72

14 30 24 R 62

14 30·11 R 58

42 30 03 R 62

FINE GENERALLY
SYDNEY b 89 65 Rain 0·210

WIND SCALE.
1-Lt. breze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich Mean Time
MAG. VAR. 9°35′30″ E.

Barometers risen generally about 0·17. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

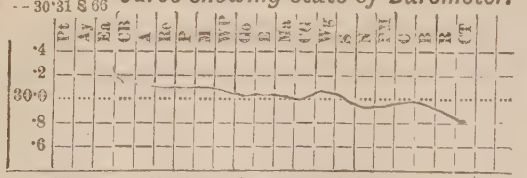
COMPILED from TELEGRAMS for 9 A.M., MARCH 31 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 50·985
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to March 31 . 6·522
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

Stations.	wt	a	s	r/in
Casino ..	b	75	67	--
T'nt'rfield	g	75	41	0
Moree ..	b	66	—	0
Grafton..	b	90	67	0·07
Gl'n Inn's	o	91	59	0
Inverell..	b	97	46	0.37
Bourke ..	b	82	61	0
Narrabri:	b	94	57	0
Armidale.	r	74	—	0
Bendem'r	r	80	44	0·20
Gunned'h	-	—	—	—
C'n'mble .	b	80	54	0
Tamw'rth	g	90	43	0·10
Coonab'n.	o	88	48	0
P.M'cqrie	-	--	--	—
W'lcannia	b	92	69	0
Murr'ndi	o	78	33	0
Cassilis ..	b	72	63	0
Mus'br'ok	c	89	63	0
Dubbo ..	b	90	69	0
Menindie	b	80	55	0
Mudgee..	b	88	60	0
Maitland	b	73	64	0
Hill End .	-	--	--	—
Newcast'e	b	81	69	0
Orange ..	b	81	52	0
Bathurst	b	75	50	0
0 65 E				
Forbs	b	90	32	0
M.Vict'ria	b	75	51	0
Cond'b'in	b	73	47	0
Picton. ..	g	91	61	0
Carcoar..	b	76	66	0
Wentw'th	b	74	49	0
Young ..	b	90	51	0
Woll'g'ng	o	86	59	0.23
Hay.....	b	76	46	0
Moss Vale	g	73	54	0·08
Euston ..	g	78	36	0
Goulburn	g	78	53	0
Wagga ..	b	72	43	0
Cape Geo.	r	74	54	1·75
Queanb'n	g	74	58	0
Deniliq'n	b	72	45	0
Moruya..	g	73	59	0
Kiandra	b	78	47	0
Alb'ry	b	75	40	0
B'd'lla	b	74	48	0
Cooma	b	79	47	0
Eden	b	66	56	0
Gabo	-	-	—	—

CLOUDY GENERALLY
SYDNEY r 77 62 Rain 2·045

28 30·06 R 72
14 30 27 R 62
14 30·15 R 56
30 11 R 55

WEATHER.
b-Blue sky.
c-Scatter'd cloud.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'r
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich M n Time
MAG. VAR, 9°35′30″E.

Barometers risen about 0·09 on E coast. For notes to 3 p.m, see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

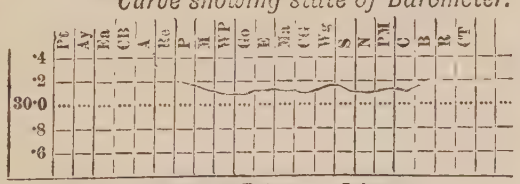
COMPILED from TELEGRAMS for 9 A.M., : APRIL 1 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to April 1 . 6·322
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY GENERALLY
SYDNEY b 72 63 Rain 0·000

— 30·18 R59 D
— 30 14 R 59

Stations.	wt	max	min	rain
Casino ..	o	92	63	0·18
T'nt'rfield	o	79	53	0.25
Moree ..	g	—	62	--
Grafton..	g	86	66	0·22
Gl'n Inn's	f	89	47	0·90
Inverell..	b	72	45	0
Bourke ..	-	—	—	—
Narrabri:	g	95	53	0
Armidale.	g	67	—	0·79
Bendem'r	gf	73	36	0.10
Gunned'h	o	91	50	0
C'n'mble .	-	--	-	—
Tamw'rth	o	81	47	0·07
Coonab'n.	o	84	44	0
P.M'cqrie	g	77	62	0
W'lcannia	-	—	—	—
Murr'ndi	o	78	58	0
Cassilis ..	b	78	67	0
Mus'br'ok	g	90	6.	0
Dubbo ..	b	84	58	0
Menindie	-	--	—	—
Mudgee..	o	91	58	0
Maitland	g	82	59	0
Hill End .	-	—	—	—
Newcast'e	b	78	63	0
Orange ..	b	71	48	0
Bathurst	b	80	50	0
E				
orbs	b	86	58	0
M.Vict'ria	o	66	50	0·30
Cond'b'in	b	74	65	0
Picton. ..	b	75	54	0
Carcoar..	b	79	59	0
Wentw'th	-	—	—	—
Young ..	b	91	49	0
Woll'g'ng	b	72	59	0
Hay.....	b	77	50	0
Moss Vale	u	71	52	0·13
Euston ..	o	78	40	0
Goulburn	b	80	53	0
Wagga ..	b	71	33	0
Cape Geo.	b	72	61	0
Queanb'n	o	73	55	0
Deniliq'n	b	74	48	0
Moruya ..	g	73	51	0
Kiandra	b	80	48	0

Alb'ry	b	75	45	0
B'd'lla	b	82	52	0
Cooma	o	81	45	0
Eden	b	70	60	0
Gabo	o	-	—	—

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

MILES WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich Mn Time
MAG. VAR, 9°35′30″ E.

Barometers risen about 0·09.
For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 3 1882 with NOTES to 3 P.M.

Sydney Observatory.

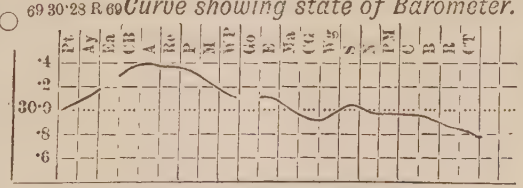
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·31*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to February 28 9·476
Total Rainfall from Jan. 1st to April 3 7·017.
Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wt	W.A	M.	R'in
Casino ..	b	74	58	0·15
T'nt'rfield	o	75	52	0 72
Moree ..	b	60	—	0
Grafton ..	b	72	67	0·09
Gl'n Inn's	b	91	47	1·00
Inverell ..	b	74	46	0
Bourke ..	b	82	60	0
Narrabri:	b	94	49	0
Armidale.	b	69	–	0·12
Bendem'r	o	74	42	0.02
Gunned'h	b	92	49	0
C'n'mble .	b	83	56	0
Tamw'rth	b	94	49	0
Coonab'n.	b	87	47	0
P.M'cqrie	b	71	56	0·02
W'lcannia	b	80	66	0
Murr'ndi	g	76	56	0
Cassilis ..	g	72	60	0
Mus'br'ok	g	89	59	0
Dubbo ..	b	84	57	0
Menindie	o	80	54	0
Mudgee..	g	93	57	0
Maitland	g	81	59	0·08
Hill End .	-	—	—	—
Newcast'e	p	77	63	0·19
Orange ..	o	73	50	0
Bathurst	g	79	52	0·25
		E		
Forbs	b	85	55	0
M.Vict'ria	o	67	52	0·12
Cond'b'in	b	71	45	0
Picton. ..	-	—	—	—
Carcoar..	g	74	53	0
Wentw'th	b	75	47	0
Young ..	b	94	56	0
Woll'g'ng	g	64	58	0·65
Hay.....	b	81	51	0
Moss Vale	u	72	50	0·73
Euston ..	o	78	48	0
Goulburn	b	82	51	0
Wagga ..	b	76	38	0
Cape Geo.	r	88	54	2·75
Queanb'n	o	75	53	0
Deniliq'n	b	77	48	0
Moruya..	g	74	55	0·09
Kiandra	o	52	33	0

Alb'ry	b	80	41	0
B'd'lla	b	76	42	0·82
Cooma	o	78	46	0·45
Eden	o	74	55	0·12
Gabo	-	-	-	-

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY GENERALLY
SYDNEY b 74 61 Rain 0·725

42 30·06 — 70
42 30·34 — 56
28 30·19 R 56
14 30·12 R 62

WIND SCALE.
13-Lt'r brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich Mn Time
MAG. VAR. 9°35′30″E.

Barometers fallen about 0·09.
For notes to 3 p.m. see und.r shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 4 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to March 31 14·178
Total Rainfall from Jan. 1st to April 4 . 7·282
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M.A.	M.	R'fall
Casino ..	b	84	65	0
T'nt'rfield	u	78	56	0
Moree ..	b	--	65	0
Grafton..	c	85	65	0
Gl'n Inn's	u	90	48	0
Inverell..	b	79	47	0
Bourke ..	b	79	58	0
Narrabri:	b	98	56	0
Armidale.	u	71	—	0
Bendem'r	b	77	47	0
Gunned'h	b	83	55	0
C'n'mble.	b	80	55	0
Tamw'rth	c	96	54	0
Coonab'n.	b	88	48	0
P.M'cgrie	b	78	60	0
W'lcannia	b	90	61	0
Murr'ndi	u	72	56	0
Cassilis ..	u	78	68	0
Mus'br'ok	b	79	60	0
Dubbo ..	b	83	56	0
Menindie	b	71	59	0
Mudgee..	b	85	56	0
Maitland	o	75	58	0
Hill End .	-	—	—	—
Newcast'e	b	76	59	0
Orange ..	b	71	49	0
Bathurst	g	72	50	0·50
18 67 E				
Forbs	b	84	55	0
M.Vict'ria	u	59	44	0
Cond'b'in	b	70	46	0
Picton. ..	-	—	—	—
Carcoar..	b	71	54	0
Wentw'th	u	71	51	0
Young ..	b	88	54	0
Woll'g'ng	-	—	—	—
Hay.....	b	72	42	0
Moss Vale	r	60	50	0·06
Euston ..	b	75	46	0
Goulburn	g	64	50	0·01
Wagga ..	b	75	50	0·03
Cape Geo.	p	74	55	0
Queanb'n	b	63	51	0
Deniliq'n	u	70	44	0
Moruya..	r	71	56	0·04
Kiandra	c	53	34	0·40

Alb'ry	u	81	51	0·17
B'd'lla		66	46	0·65
Cooma		57	43	0·03
Eden	p	65	53	1·50
Gabo	-	-	—	—

Curve showing state of Barometer.

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY GENERALLY
SYDNEY p 68 58 Rain 0·222

28 29·09 F 67
28 30·24 F 55
28 30·12 F60
0 30·13 R 67

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
12-Ll't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
66-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.
or 2h 55m 9·19s a.m.
Greenwich Mn Time
MAG. VAR, 9°35′30″E.

Barometers risen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

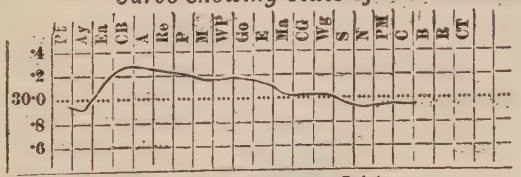
COMPILED from TELEGRAMS for 9 A.M., APRIL 5 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23½ years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 5 10 258,
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
r-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
12-Li't breze
23-Mod. "
34-Fresh "
56-Stry gale
65-Whole "

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR, 9°35′30″E.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·04 F 67
28 30·16 F 54
14 30·08F52
0 30·06 F 56

CLOUDY GENERALLY'
SYDNEY g 66 61 Rain 2·976

Barometers fallen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt			
Casino ..	b	81	61	0
T'nb'rfield	..	—	—	—
Moree ..	r	—	66	0·06
Grafton.	c	84	64	0
Gl'n Inn's	.	—	—	—
Inverell ..	u	72	48	0
Bourke ..	b	81	55	0
Narrabri.	o	95	57	0·65
Armidale.	-	—	—	—
Bendem'r	u	72	44	0·67
Gunned'h	.	—	—	—
C'n'mble .	b	85	58	0
Tamw'rth	p	88	54	0·14
Coonab'n.	r	80	55	0·43
P.M.'cqrie	-	—	—	—
W'lcannia	b	80	51	0
Murr'ndi	r	73	59	0·38
Cassilis ..	-	79	62	0·33
Mus'br'ok	r	79	60	0·26
Dubbo ..	u	84	57	0·56
Menindie	p	72	53	0
Mudgee..	u	82	58	0
Maitland	r	75	60	0
Hill End .	-	—	—	—
Newcast'e	g	79	62	0·01
Orange .	c	79	51	0
Bathurst	g	71	52	0
3 62	E			
Forbs	c	82	50	0·32
M.Vict'ria	t	61	49	0·10
Cond'b'in	g	66	61	0
Picton. .	d	69	57	1·77
Carcoar.	b	68	56	0
Wentw'th	u	67	50	0·05
Young .	u	81	56	0·28
Woll'g'ng	o	60	50	10·0
Hay.....	o	79	52	1·22
Moss Vale	r	61	52	0·16
Euston .	c	77	49	0·53
Goulburn	p	61	53	0·07
Wagga ..	p	75	42	0·48
Cape Geo.	-	—	—	1·78
Queanb'n	r	64	58	0·08
Deniliq'n	r	73	50	0·70
Moruya .	p	66	57	2·10
Kiandra	r	50	30	0·40
Alb'ry	r	72	52	0·53
B'd'lla	r	64	45	3·60
Cooma	r	60	45	0·40
Eden	p	65	55	0·11
Gabo	-	-	-	-

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 6 1882 with NOTES to 8 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·985

Average for 23 years from Jan. 1st to March 31 14·604

Total Rainfall from Jan. 1st to April 6 . 16·740.

Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wt	M'x	M.	R'in
Casino ..	b	87	59	0
T'nt'rfield	b	72	50	0·12
Moree ..	–	–	–	–
Grafton..	b	83	61	0
Gl'n Inn's	b	89	43	0·20
Inverell..	b	70	54	0
Bourke ..	o	77	54	0
Narrabri:	b	81	43	0·32
Armidale.	b	60	–	0·12
Bendem'r	b	71	32	0·39
Gunned'h	o	71	43	0·30
C'n'mble .	b	80	44	0
Tamw'rth	o	81	42	0·54
Coonab'n.	b	73	39	0·16
P.M'cqrie	b	77	57	0·36
W'lcannia	g	80	68	0
Murr'ndi	b	67	52	0·85
Cassilis ..	g	80	67	0·65
Mus'br'ok	b	71	54	0·53
Dubbo ..	g	78	56	0·29
Menindie	g	73	56	0
Mudgee..	q	74	21	0·25
Maitland	b	69	57	0·42
Hill End .	f	–	–	0·35
Newcast'e	b	81	56	0·19
Orange ..	g	67	46	0
Bathurst	g	63	45	0·47
8 65 E				
Forbs	g	70	51	0·03
M.Vict'ria	b	56	45	0·70
Cond'b'in	g	67	43	0
Picton. ..	r	66	55	2·49
Carcoar..	r	60	49	0·32
Wentw'th	b	67	50	0·15
Young ..	g	71	51	0·33
Woll'g'ng	–	–	–	–
Hay.....	b	80	51	1·32
Moss Vale	r	57	47	2·37
Euston ..	b	67	49	0·09
Goulburn	r	58	47	2·35
Wagga ..	g	64	48	1·55
Cape Geo.	–	–	–	–
Queanb'n	r	66	50	2·50
Deniliq'n	b	60	50	0·50
Moruya..	r	65	55	2 90
Kiandra	r	50	31	2·20

Alb'ry	o	63	51	0·98
B'd'lla	r	65	44	2·73
Cooma	o	60	15	0·50
Eden	p	67	55	0·27
Gabo	–	–	–	–

As — 30·30 R 68

Curve showing state of Barometer.

	PE	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea SMOOTH. heavy very heavy.

28 29·94 S 66

RAINING GENERALLY

SYDNEY 0 66 57 Rain 0·482

0 30·24 R 65

— 30·18 R 58

— 30·00 F 57

8 61 A 8 58

8 — 58 Re

23 — 58 P

13 58 M

8 — 58 CO

WP 23 — 57

Ma 56 — 56

E 42 — 60

Ge

CG

Wg

S 13 — 64

N 1 — 64

PM 1 — 62

C 14 — 63

B

R

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Equally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

MI'le
13-Li't breze
23-Mod. "
34-Fresh "
56-Strg gale
68-Whole "

TIME BALL

Drops at 1 p.m. S M or 2h 55m 9·19s a.m. Greenwich M n Time

MAG. VAR, 9°35′30″ E.

Barometers fallen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL.

GOVERNMENT ASTRONOMER

WEATHER MAP.

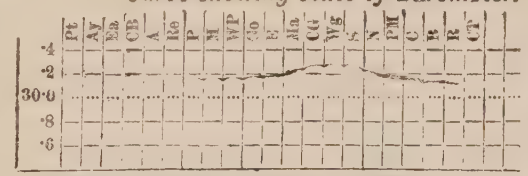
COMPILED from TELEGRAMS for 9 A.M., APRIL 8 1882 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; Long. 10h. 4m. 56·81s E.

Average Annual Rainfall for 21 years ..... 60·965
Average for 23 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 8 16·740.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow. Sea smooth. Heavy. Very heavy.

Stations.	wt			in
Casino ..	b	84	49	0
T'nt'rfield	b	73	47	0
Moree ..	b	—	53	0
Grafton..	b	87	55	0
Gl'n Inn's	b	71	39	0
Inverell ..	o	69	49	0
Bourke ..	b	78	55	0
Narrabri	b	89	43	0
Armidale.	b	64	—	0
Bendem'r	o	72	36	0
Gunned'h	–	—	—	—
Crumble..	–	—	—	—
Tamw'rth	–	—	—	—
Coonab'n.	–	—	—	—
P.M'cq'rie		75	57	0
W'lcannia	–	—	—	—
Murr'ndi	b	66	49	0·05
Cassilis ..	b	66	42	0
Mus'br'ok	g	76	50	0
Dubbo ..	b	71	50	0
Menindie	–	—	—	—
Mudgee..	b	83	49	0
Maitland	c	70	64	0·20
Hill End .	–	—	—	—
Newcast'e	p	72	47	0·06
Orange ..	b	63	42	0
Bathurst	b	69	42	0·20
	E			
Forbs	o	82	50	0
M.Vict'ria	b	60	44	0·54
Cond'b'in	–	—	—	—
Picton..	b	67	47	0
Carcoar..	b	63	45	0·30
Wentw'th	–	—	—	—
Young ..	b	55	48	0
Woll'g'ng	o	69	49	0
Hay.....	b	72	46	0
Moss Vale	b	60	44	0
Euston ..	b	77	37	0
Goulburn	b	68	42	0·93
Wagga ..	b	67	42	0
Cape Geo.	–	—	—	—
Queanb'n	b	61	44	0·10
Deniliq'n	b	71	43	0
Moruya..	b	79	50	0
Kiandra	n	47	—	c

Alb'ry	b	71	42	0
B'd'lla	b	73	39	0·50
Cooma	c	61	41	0
Eden	o	65	52	0·05
Gabo	–	—	—	—

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND Scale.
13-Lt'r brae
23-Mod. „
34-Fresh „
55-Strg gale
65-Whole „

TIME BALL Drops at 1 p.m. S.M. or 2h 55m 9·19s p.m. Greenwich Mean Time
MAG. VAR. 9°35′30″ E.

FINE GENERALLY
SYDNEY 0 66 55 Rain 0·020

0 30·16 R 63
14 30·24 R 51
0 30·18 R 56
23 55

Barometers risen about 0·31 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 10 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 50·81s. *E.*

Average Annual Rainfall for 71 years ..... 50·965
Average for 23 years from Jan. 1st to March 31 ..... 14·604
Total Rainfall from Jan. 1st to April 10 ..... 16·740.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Co	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
11-Lt'r breeze
22-Mod. "
34-Fresh "
56-Stg gale
66-Whole "

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a m
Greenwich M n Time
MAG. VAR. 9°35′30″ E.

0 30·09 F 74

FINE GENERALLY
SYDNEY b 69 55 Rain 0·000

14 30·19 — 68

28 30·19 F 60 0

28 30·17 F 60

0 30·05 F 74

Barometers fallen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M.A	M.I	R'in
Casino ..	b	83	53	0
T'nt'rfield	-	—	—	—
Moree ..	-	—	—	—
Grafton ..	b	88	58	0
Gl'n Inn's	-	—	—	—
Inverell ..	-	—	—	—
Bourke ..	b	83	58	0
Narrabri:	-	—	—	—
Armidale.	-	—	—	—
Bendem'r	-	—	—	—
Gunned'h	-	—	—	—
C'n'mble .	-	—	—	—
Tamw'rth	-	—	—	—
Coonab'n.	-	—	—	—
P.M'cqrie	b	75	57	0
W'lcannia	b	70	51	0
Murr'ndi	-	—	—	—
Cassilis ..	-	—	—	—
Mus'br'ok	b	77	50	0
Dubbo ..	b	77	51	0
Menindie	o	81	56	0
Mudgee..	-	—	—	—
Maitland	o	70	50	0 08
Hill End .	-	—	—	—
Newcast'e	o	76	56	0
Orange ..	b	62	45	0
Bathurst	-	—	—	—
	E			
Forbs	b	80	49	0
M.Vict'ria	c	63	44	0
Cond'b'in	-	—	—	—
Picton. ..	b	70	49	0
Carcoar..	-	—	—	—
Wentw'th	b	88	49	0
Young ..	b	89	48	0
Woll'g'ng	-	—	—	—
Hay.....	b	85	46	0
Moss Vale	b	66	45	0
Euston ..	b	89	42	0
Goulburn	b	73	43	0
Wagga ..	b	71	42	0
Cape Geo.	b	63	50	0
Queanb'n	b	64	45	0
Deniliq'n	b	81	46	0
Mornya ..	c	70	53	0
Kiandra	b	49	31	0

Alb'ry	b	76	40	0
B'd'lla	b	74	42	0
Cooma	b	73	38	0
Eden		67	55	0
Gabo		—	—	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 11 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 11 . 16·740.
Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wt	9 A.M.	M.	R'in
Casino ..	b	82	52	0
T'nt'rfield	b	78	58	0
Moree ..	b	—	6C	0
Grafton..	b	88	58	0
Gl'n Inn's	b	71	43	0
Inverell..	b	73	39	0
Bourke ..	b	86	65	0
Narrabri:	b	98	49	0
Armidale.	b	68	—	0
Bendem'r	b	72	35	0
Gunned'h	b	91	45	0
C'n'mble.	-	—	—	—
Tamw'rth	b	86	40	0
Coonab'n.	b	83	43	0
P.M'cqrie	n	76	53	0
W'lcannia	b	70	41	0
Murr'ndi	b	73	49	0
Cassilis ..	b	78	64	0
Mus'br'ok	b	81	47	0
Dubbo ..	b	76	53	0
Menindie	b	89	57	0
Mudgee..	b	88	47	0
Maitland	b	73	50	0
Hill End .	-	—	—	—
Newcast'e	b	79	51	0
Orange ..	b	67	42	0
Bathurst	b	76	41	0
Forbes	b	82	50	0
M.Viet'ria	b	67	52	0
Cond'b'in	b	73	45	0
Picton. ..	b	73	48	0
Carcoar..	b	68	46	0
Wentw'th	b	94	61	0
Young ..	b	95	46	0
Woll'g'ng	-	—	—	—
Hay.....	b	89	56	0
Moss Vale	b	70	45	0
Euston ..	b	91	59	0
Goulburn	g	76	40	0
Wagga ..	b	76	38	0
Cape Geo.	b	73	51	0
Queanb'n	b	69	48	0
Deniliq'n	g	84	58	0
Moruya .	-	—	—	—
Kiandra	b	55	37	0
Alb'ry	b	82	47	0
B'd'lla	-	—	—	—
Cooma	b	47	77	0
Eden	b	69	53	0
Gabo	-	-	—	—

Curve showing state of Barometer.

As 0 30·11 S 81

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29·54 F 75

FINE GENERALLY
SYDNEY b 71 57 Rain 0·000

28 30·03 F 09

14 30·08 F 66

14 30·00 F 63

Barometers fallen about 0·19 on E. coast. For notes to 3 p.m. see under shipping news

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALES.
1-2-Li't brze
3-Mod. "
4-Fresh "
5-Strg gale
6-Whole "

TIME BALL
Drops at 1 p.m. S M or 2h 55m 9·19s a.m. Greenwich M n Time
MAG. VAR. 9° 35′ 30″ E.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 12 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 50·8s. *E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 12 . 16·740.
Barometers corrected to 32° Fah. and Mean Sea Level.

Curve showing state of Barometer.

13 30·18 R 77

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4
·2
30·0
·8
·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·95 R 76

FINE GENERALLY
SYDNEY b 73 54 Rain 0·030

28 30·21 R 59

98 30·00 F 56

29·99 S 58

Stations.	wt	ws	at.	r'in
Casino ..	b	89	49	0
T'nt'rfield	b	78	41	0
Moree ..	b	—	61	0
Grafton..	b	91	59	0
Gl'n Inn's	b	79	43	0
Inverell..	..	—	—	—
Bourke ..	b	29	65	0
Narrabri:	b	97	55	0
Armidale.	b	68	—	0
Bendem'r	b	76	44	0
Gunned'h	-	—	—	—
C'n'mble .	-	89	54	0
Tamw'rth	b	88	45	0
Coonab'n.	b	84	46	0
P.M'cqrie	n	77	56	0
W'lcannia	b	80	51	0
Murr'ndi	b	76	54	0
Cassilis ..	b	80	67	0
Mus'br'ok	b	86	55	0
Dubbo ..	o	80	56	0
Menindie	o	88	58	0
Mudgee..	b	91	52	0
Maitland	o	79	54	0
Hill End .	-	—	—	—
Newcast'e	o	80	60	0
Orange ..	o	71	48	0·04
Bathurst	o	79	49	0
66				
Forbes	b	80	49	0
M.Vict'ria	b	70	59	0
Cond'b'in	b	71	52	0
Picton. ..	o	77	50	0
Carcoar..	g	69	53	0
Wentw'th	b	81	80	0
Young ..	b	91	55	0
Woll'g'ng	-	—	—	—
Hay.....	b	81	51	0
Moss Vale	g	74	54	0·01
Euston ..	b	81	45	0
Goulburn	b	79	50	0
Wagga ..	b	81	50	0
Cape Geo.	g	76	55	0
Queanb'n	b	70	58	0
Deniliq'n	b	76	45	0
Moruya ..	g	67	46	0·03
Kiandra	b	68	47	0·20
Alb'ry	b	84	44	0
B'd'lla	b	87	52	0
Cooma	b	78	46	0
Eden	g	71	53	0
Gabo	-	—	—	—

WIND SCALE.
13-Lt'r breze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich Mean Time
MAG. VAR. 9°35′30″ E.

Barometers fallen about 0·09 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

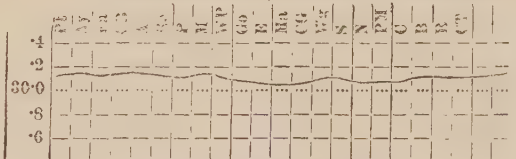
COMPILED from TELEGRAMS for 9 A.M., APRIL 13 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 41 years ..... 50·965
Average for 25 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 13 . 17·522
Barometers corrected to 32° Fah. and Mean Sea Leve

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth, heavy very heavy.

Stations.	wt	ba	m	rain
Casino ..	b	92	52	0
T'nt'rfield	g	80	41	0
Moree ..	b	—	65	0
Grafton..	b	95	58	0
Gl'n Inn's	g	79	47	0
Inverell ..	b	76	47	0
Bourke ..	b	88	59	0
Narrabri:	b	101	54	0
Armidale.	b	71	—	0
Bendem'r	g	79	49	0
Gunned'h	b	97	51	0
C'n'mble.	b	89	56	0
Tamw'rth	b	94	48	0
Coonab'n.	b	86	45	0
P.M'cqrie	m	82	65	0
W'lcannia	b	70	46	0
Murr'ndi	b	81	55	0
Cassilis ..	g	72	58	0
Mus'br'ok	–	—	—	0·08
Dubbo ..	b	81	59	0
Menindie	o	76	53	0·05
Mudgee..	b	71	57	0
Maitland	o	85	62	0·05
Hill End .	b	—	—	0
Newcast'e	g	90	67	0
Orange ..	b	70	47	0
Bathurst	b	81	45	0
Forbs	b	82	51	0
M.Vict'ria	–	—	—	—
Cond'b'in	b	68	44	0
Picton. ..	o	78	25	0·10
Carcoar..	b	69	48	0
Wentw'th	b	73	50	0
Young ..	b	94	46	0
Woll'g'ng	o	74	61	0·10
Hay	b	75	46	0
Moss Vale	o	74	54	0
Euston ..	–	—	—	—
Goulburn	b	77	52	0
Wagga ..	b	72	40	0
Cape Geo.	o	73	55	0·01
Queanb'n	b	69	49	0
Deniliq'n	b	—	42	0
Moruya ..	o	79	52	0·04
Kiandra	b	50	15	0
Alb'ry	o	71	51	0
B'd'lla	g	70	47	0
Cooma	–	—	—	—
Eden	–	—	—	—
Gabo	–	—	—	—

CLOUDY GENERALLY
SYDNEY o 74 65 Rain 0·000

28 30·05 R 69
14 30·26 R 59
14 30·16 R 52

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt's breze
33-Mod. "
34-Fresh "
56-Strg gale
66-Whole "

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m
Greenwich Mean Time
MAG. VAR, 9°35′30″E.

Barometers risen about 0·13 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 14 1882 with NOTES to 3 P.M.

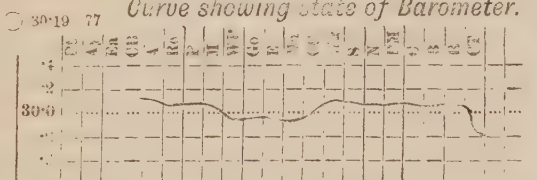
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *Sec. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 23 years from Jan 1st to March 31 11·604
Total Rainfall from Jan 1st to April 14 . 17·897
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	a.m.	r.in.
Casino	c	82,53	0
T'nt'rfield	c	82 53	0·23
Moree ..	b	—62	0·20
Grafton	b	88,63	0·04
Gl'n Inn's.	b	80 49	0
Inverell.	b	74 62	0
Bourke .	b	82 54	0
Narrabri.	b	99 55	0
Armidale.	b	73 —	0
Bendem'r	c	80 44	0
Gunned'h	r	97 49	0
Goulburn	b	85 45	0
Tamw'rth	b	92 48	0
Coonab'n.	b	86 43	0
P. Macq'rie	b	82,60	0
Wilcannia	b	70,56	0
Murr'ndi	b	77 45	0
Cassilis ..	b	77,56	0
Mus'br'ok	g	82 61	0·06
Dubbo ..	-	— —	—
Menindie	b	77 51	0·05
Mudgee..	b	90 58	0
Maitland	b	77 62	0·05
Hill End .	-	-|-	0
Newcast'l	b	77 65	0
Orange ..	b	71 51	0
Bathurst	b	77 47	0
Forbes	b	79,56	0
M.Vict'ria	b	63 53	—
Cond'b'in	b	61 41	0
Picton. ..	c	69 56	0·80
Carcoar..	b	69 55	0
Wentw'th	b	78 47	0
Young ..	b	94 49	0
Woll'g'ng	o	73 58	1·43
Hay.....	b	78 46	0
Moss Vale	b	65 55	0
Euston .	b	81 40	0·09
Goulburn	b	70 50	0
Wagga ..	g	70 43	0
Cape Geo.	o	70 55	1·00
Queanb'n	b	77 54	0
Deniliq'n	b	72 43	0
Moruya..	b	70 51	0
Kiandra	r	52,17	0
Alb'ry	b	76 39	0
B'd'lla	b	67 49	0
Cooma	o	75 54	0
Eden	b	67 56	0
Gabo	o	— —	—

Curve showing State of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow

sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Cloudy, dull
h-Misty
i-Hazy
k-Frosty
l-Windy
m-Rain
n-Snow'ry
o-Thunder
p-Lightning

TIME BALL
Drops at 1 p.m. M
or 2h 55m 9·19s a.m.
Greenwich Mean Time
MAG VAR, 9°35′30″E.

28 30·25 R 77

FINE GENERALLY
SYDNEY 0 74 65 Rain 0·075

14 30·19 F 77

30·11 F 56

28 30·07 52

Barometers fallen about 0·09 on E. coast. For notice to sail, see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 15 1892 with NOTES to 8 P.M.

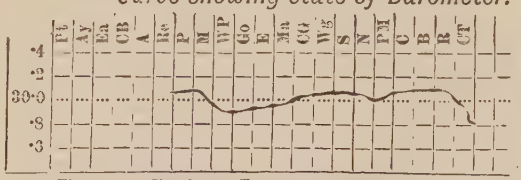
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 59·81*s E*

Average Annual Rainfall for 71 years ..... 50·965
Average for 23 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 15 17·897
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt		M.	R'in
Casino ..	–	—	—	—
T'nt'rfield	b	80	53	0
Moree ..	b	—	—	0
Grafton ..	b	85	70	0
Gl'n Inn's	o	80	47	0
Inverell ..	b	75	47	0
Bourke ..	b	81	55	0
Narrabri .	b	98	54	0
Armidale .	b	73	—	0
Bendem'r	o	77	35	0
Gunned'h	b	93	49	0
C'n'mble .	b	80	50	0
Tamw'rth	–	—	—	—
Coonab'n.	–	—	—	—
P.M'cqrie	b	79	93	0
W'lcannia	o	76	46	0
Murr'ndi	b	77	55	0
Cassilis ..	–	—	—	—
Mus'br'ok	b	84	63	0
Dubbo ..	b	80	55	0
Menindie	b	81	58	0
Mudgee ..	b	87	48	0
Maitland	b	80	60	0
Hill End .	–	—	—	—
Newcast'e	o	82	63	0
Orange ..	o	70	47	0
Bathurst	b	79	45	0
Forbs	o	77	58	0
M.Vict'ria	–	—	—	—
Cond'b'in	b	68	49	0
Picton. .	o	76	67	0
Carcoar ..	g	70	46	0
Wentw'th	b	83	49	0
Young .	g	92	45	0
Woll'g'ng	–	—	—	—
Hay.....	b	80	51	0
Moss Vale	o	73	52	0
Euston .	–	—	—	—
Goulburn	–	78	59	0
Wagga ..	b	71	39	0
Cape Geo.	b	73	54	0
Queanb'n	g	73	58	0
Deniliq'n	–	—	—	—
Moruya .	b	75	71	0
Kiandra	f	50	29	0
Alb'ry	b	76	44	0
B'd'lla	b	77	51	0
Cooma	b	76	15	0
Eden	b	70	55	0
Gabo	–	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow

sea smooth, heavy, very heavy.

28 30·06 F 69

FINE GENERALLY

SYDNEY 66 74 64 Rain 0·009

2h 30·26 R 59

0 30·05 F 60

Barometers fallen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

WIND SCALE.

1-Light breeze
2-Moderate ,,
3-Fresh ,,
4-Strong gale
5-Whole ,,

TIME BALL
Drops at 1 p.m. S M
or 2h 55m 9·19s a.m.
Greenwich M n Time
MAG. VAR. 9°35′30″E.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., May 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965

Average for 23 years from Jan 1st to March 31 11·604

Total Rainfall from Jan 1st to April 17 17·97

Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

30·28 R 78

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow

sea smooth. heavy very heavy.

WIND SCALE. 1-3 Light breeze ... 12-Hurricane

WEATHER. b-Blue sky. c-Scattered clouds d-Drizzling rain f-Fog g-Gloomy, dull h-Hail k-Lightning m-Misty r-Rain s-Sleet t-Thunder th-Threatening

TIME BALL Drops at 1 p.m. M or 2h 55m 9·19s a.m. Greenwich Mean Time

MAG. VAR. 9°35 30″ E.

14 30·11 R 67

FINE GENERALLY

28 30·13 R 57

28 30·2) 60

43 30·05 S 56

Barometers fallen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt			
Casino	–	88	46	0
T'nt'rfield	b	73	46	0
Moree	b		5	0
Grafton	o	80	52	0
Gl'n Inn's	o	79	38	0
Inverell..	b	74	37	0
Bourke	b	79	5	0
Narrabri.	b	90	41	0
Armidale.	b	72	–	0
Bendem'r	o	79	37	0
Gunned'h	b	92	40	0
C'n'mble.	b	76	44	0
Tamw'rth	b	—	54	0
Coonab'n.	b	72	43	0
P.M'cqrie	b	76	55	0
W'lcannia	b	70	50	0
Murr'ndi	b	76	51	0
Cassilis ..	b	69	55	0
Mus'b'rk	b	80	50	0
Dubbo .	b	78	50	0
Menindie	b	72	54	0
Mudgee..	b	87	45	0
Maitland	b	78	54	0
Hill End .	–	—	—	—
Newcast'e	b	81	57	0
Orange	o	61	44	0
Bathurst		73	39	0
32 63				
Forbs	b	77	51	0
M.Vict'ria	o	62	45	0
Cond'b'in	b	64	43	0
Picton. .	b	71	48	0
Carcoar	o	74	43	0
Wentw'th	o	72	54	0
Young	o	84	53	0
Woll'g'ng	b	74	55	0
Hay . .	b	79	38	0
Moss Vale	b	63	47	0
Euston	o	77	48	0
Goulburn	b	71	42	0
Wagga ..	b	73	31	0
Cape Geo.	b	73	49	·57
Queanb'n	b	68	48	0
Deniliq'n	g	73	46	0
Moruya .	b	79	51	0
Kiandra	o	50	25	0·25

Alb'ry	m	75	38	0
B'd'lla	b	74	45	0
Cooma	o	67	13	0
Eden	p	67	58	0·03
Gabo	o	—	—	0·11

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 18 1882 with NOTES to 9 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; Long. 10h. 4m. 50·81s E.

Average Annual Rainfall for 21 years . . . . . 50·95
Average for 23 years from Jan. 1st to March 31 11·604
Total Rainfall from Jan. 1st to April 18 17·97
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

30·26 F 72

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WIND SCALE.
1-Light breeze
2-Moderate
3-Fresh
4-Strong gale
5-Whole

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL. Drops at 1 p.m. & M or 2h 55m 9·19s after Greenwich Mean Time

MAG. VAR. 9°35 30″E.

14 30·12 S 67

FINE GENERALLY

RAIN: b 64 54 Rain 0·009

14 30·21 S52

30·13 R 53

Barometers fallen about 0·13 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	a	a	e	r
Tenterfield	o	70	41		0
Maclean	b		58		0
Grafton	g	90	57		0
Gl'n Inn's	b	8	46		0
Inverell..	b	77	37		0
Bourke	b	79	55		0
Narrab.i	b	92	43		0
Armidale.	-	—	—		—
Bendem'r	o	71	34		0
Gunned'h	-	—	—		—
C'n'mble.	b	74	46		0
Tamw'rth	b	8	46		0
Coonab'n.	b	75	38		0
P.M'cqrie	b	73	57		0
W'leannia	-	—	—		—
Murr'ndi	b	69	45		0
Cassilis ..	b	69	53		0
Mus'br'ok	b	79	48		0
Dubbo .	b	74	51		0
Menindie	-	—	—		—
Mudgee..	b	84	50		0
Maitland	-	—	—		—
Hill End .	-	—	—		—
Newcast'e	o	86	57		0·04
Orange .	o	60	39		0
Bathurst	b	66	37		0
8 74					
Forbes	b	75	39		0
M.Viet'ria	o	59	44		0
Cond'b'in	-	—	—		0
Picton. .	b	68	48		0
Carcoar	b	70	41		0
Wentw'th	-	—	—		0
Young	b	84	41		0
Woll'g'ng	-	—	—		0
Hay. . .	b	79	45		0
Moss Vale	b	61	44		0
Euston	b	70	43		0
Goulburn	b	67	37		0
Wagga ..	b	62	37		0
Cape Geo.	-	—	—	—	—
Queanb'n	b	64	44		0
Deniliq'n	b	67	43		0
Moruya .	b	67	55		0
Kiandra	b	52	26		0

Albury	b	74	38	0
B'd'lla	b	67	49	0
Cooma	n	63	31	0
Eden	b	66	50	0
Gabo	b	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 19 1882 with NOTES to 3 P.M.

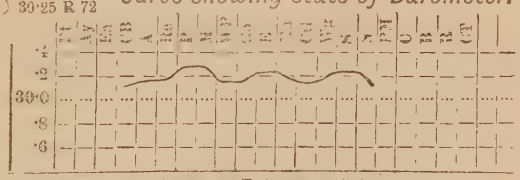
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *Sec. E.*

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 19 17·597
Barometers corrected to 32° Fah. and Mean Sea Level.

Curve showing state of Barometer.

30·25 R 72



Fine, wind N. Cloudy, wind E. T.storms, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·11 S 63

CLOUDY GENERALLY
SYDNEY g 67 57 Rain 0·000

14 30·31 61

30·15 F51 D

30·18 R 54

Barometers risen about 0·08 on E. coast. For hours to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER.
b-Blue sky.
c-Scatter'd clouds.
d-Drizzling rain.
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
p-Frost
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Stations.	wt	m'n	Rain	s'm
Casino ..	–	—	—	—
T'nt'rfield	o	70	51	0
Moree ..	b		50	0
Grafton ..	–	—	—	—
Gl'n Inn's	b	79	40	0
Inverell ..	b	74	41	0
Bourke ..	o	76	54	0
Narrabri	–	—	—	—
Armidale.	b	96	43	0
Bendem'r	b	73	33	0
Gunned'h	o	90	49	0
C'n'mble.	b	69	49	0
Tamw'rth	b	85	40	0
Coonab'n.	b	79	41	0
P.M'cqrie	b	74	58	0
W'lcannia	o	70	61	0
Murr'ndi	c	70	45	0
Cassilis ..	b	71	54	0
Mus'br'ok	–	—	—	—
Dubbo ..	b	75	51	0
Menindie	b	77	67	0
Mudgee..	b	85	53	0
Maitland	–	—	—	—
Hill End ..	–	—	—	—
Newcast'e	o	81	55	0
Orange ..	o	63	44	0
Bathurst	c	74	44	0
Forbs'	c	74	49	0
M.Vict'ria	o	63	47	0
Cond'b'in	g	61	43	0
Picton. ..	b	77	46	0
Carcoar..	b	62	48	0
Wentw'th	o	79	53	0
Young ..	b	87	48	0
Woll'g'ng	o	79	56	0
Hay.....	b	78	49	0
Moss Vale	c	65	49	0
Euston ..	b	83	14	0
Goulburn	b	73	46	0
Wagga ..	–	—	—	—
Cape Geo.	o	69	52	0
Queanb'n	g	63	49	0
Deniliq'n	b	71	41	0
Moruya ..	g	68	58	0
Kiandra	n	55	29	0
Alb'ry	c	72	40	0
B'd'lla	b	70	53	0
Cooma	o	73	46	0
Eden	c	65	55	0
Gabo	b	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 20 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long* 10*h.* 4*m.* 50·81° E

Average Annual Rainfall for 21 years ..... 50·985

Average for 24 years from Jan. 1st to March 31 14·604

Total Rainfall from Jan. 1st to April 20 17·597

Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wt	Mx	Mi	Rain
Casino ..	b	84	50	0
T'nt'rfield	b	74	46	0
Moree ..	r	—	64	0
Grafton ..	b	87	61	0
Gl'n Inn's	b	79	41	0
Inverell ..	b	75	42	0
Bourke ..	b	79	55	0
Narrabri	o	92	48	0
Armidale.	b	68	—	0
Bendem'r	b	75	36	0
Gunned'h	b	97	50	0
C'n'mble .	b	80	50	0
Tamw'rth	b	87	47	0
Coonab'n.	b	78	43	0
P.M'cqrie	b	77	62	0
W'lcannia	b	75	51	0
Murr'ndi	b	71	50	0
Cassilis ..	f	68	59	0
Mus'br'ok	b	78	54	0
Dubbo ..	b	75	57	0
Menindie	b	77	53	0
Mudgee ..	b	85	56	0
Maitland	b	73	52	0
Hill End .	—	—	—	—
Newcast'e	o	80	54	0
Orange ..	b	67	50	9
Bathurst	b	73	49	0
3 66				
Forbs	b	73	47	0
M'Viet'ria	b	64	49	0
Cond'b'in	b	63	42	0
Picton. ..	u	72	50	0
Carcoar ..	b	65	53	0
Wentw'th	b	83	50	0
Young ..	b	90	56	0
Woll'g'ng	b	71	58	0
Hay.....	b	78	49	0
Moss Vale	b	65	54	0
Euston ..	b	84	42	0
Goulburn	b	73	52	0
Wagga ..	b	71	44	0
Cape Geo.	b	71	51	0
Queanb'n	g	65	53	0
Deniliq'n	b	75	44	0
Moruya ..	b	73	55	0·12
Kiandra	n	57	31	0

	wt	Mx	Mi	Rain
Alb'ry	b	76	43	0
B'd'lla	b	71	47	0
Cooma	b	73	41	0
Eden	b	66	58	0·02
Gabo	b	—	—	0

Curve showing state of Barometer.

As 30·17 F 75

Pt Aj Ea CB A Re P M Wp Go E Ma Cg Wg S N PM C B R Cr

30·4 ·2 30·0 ·8 ·6

WIND SCALE. 13-Lt'brze 23-Mod. ,, 34-Fresh ,, 56-Strg gale 65-Whole ,,

WEATHER. b-Blue sky. c-Scatter'd clouds d-Drizzling rain f-Fog g-Gloomy, dull h-Hail l-Lightning m-Misty n-Frost o-Overcast p-Passing show'rs q-Squally r-Rain t-Thunder w-Threatening

TIME BALL Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time MAG. VAR. 9°35′30″ E.

○ wind N. ◑ Cloudy ◒ E. wind E. ◒ Storm ◒ Raining ◒ wind S. ◒ wind W

If 8 is CALM, the symbol is used without the arrow.

~ sea smooth. ~~ heavy ~~~ very heavy.

14 30·13 R70

FINE GENERALLY SYDNEY g 72 60 Rain 0·000

14 30·28 F 66

14 30·22R 55

30·19 R 57

Barometers risen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to ... 17·597
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M.S	M.	R'in
Casino ..	b	85	50	0
T'nt'rfield	b	79	40	0
Moree ..	b	—	62	0
Grafton ..	b	86	59	0
Gl'n Inn's	b	80	49	0·44
Inverell ..	b	74	42	0
Bourke ..	g	77	53	0
Narrabri:	o	94	51	0
Armidale:	b	67	—	0
Bendem'r	b	74	31	0
Gunned'h	-	—	—	—
C'n'mble ..	-	84	56	0
Tamw'rth	-	—	—	—
Coonab'n.	b	82	43	0
P.M'cqrie	b	78	60	0
W'lcannia	o	70	41	0
Murr'ndi	b	74	51	0
Cassilis ..	f	71	60	0
Mus'br'ok	b	82	53	0
Dubbo ..	b	79	54	0
Menindie	g	80	60	0
Mudgee ..	b	89	58	0
Maitland	f	77	57	0
Hill End .	b	—	—	—
Newcast'e	f	80	55	0
Orange ..	b	69	48	0
Bathurst	b	77	47	0
13 63				
Forbs	b	74	49	0
M.Viet'ria	o	65	50	0·15
Cond'b'in	g	68	45	0
Picton. ..	o	75	58	0·02
Carcoar ..	b	68	56	0
Wentw'th	g	69	62	0
Young ..	b	95	51	0
Woll'g'ng	b	72	45	0
Hay.....	b	83	60	0
Moss Vale	f	72	52	0·03
Euston ..	b	71	50	0
Goulburn	f	74	47	0
Wagga ..	b	71	47	0
Cape Geo.	b	73	55	0
Queanb'n	b	68	51	0
Deniliq'n	b	80	51	0
Moruya ..	b	73	54	0
Kiandra	n	54	0	0

Alb'ry	m	79	47	0
B'd'lla	b	77	52	0
Cooma	b	75	38	0
Eden	-	—	—	—
Gabo	-	—	—	—

Curve showing state of Barometer.

23 30·05 F 77

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the ◦ymbol is used without the arrow.

~ sea smooth. ~~ heavy ~~~ very heavy.

28 30·09 F 68

FINE GENERALLY

SYDNEY f 72 57 Rain 0·009

28 30·12 F 68

28 30·15 F 58

14 30·24 F66

WEATHER.

b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M'ls	
13	Li't brze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

TIME BALL

Drops at 1 p.m, S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E.

Barometers risen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

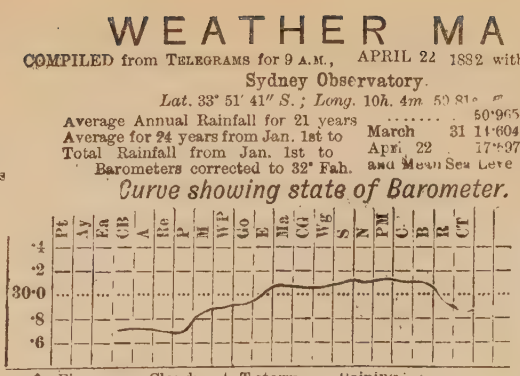
COMPILED from TELEGRAMS for 9 A.M., APRIL 22 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 22 17·837
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND Mi's SCALE. 13-Li't brze 23-Mod. 34-Fresh ,, 56-Strg gale 65-Whole ,,

WEATHER. b-Blue sky. c-Scatter'd cloudy d-Drizzling rain f-Fog g-Gloomy, dull h-Hail l-Lightning m-Misty n-Frost o-Overcast p-Passing show'rs q-Squally r-Rain t-Thunder u-Threatening

TIME BALL Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time MAG. VAR. 9°35′30″ E.

42 29·67 F 70

CLOUDY GENERALLY
SYDNEY g 72 60 Rain 0·009

14 29·98 F65

0 30·00 F 69

Barometers fallen soon 9 A.M. Fresh to strong S.E. winds to 3 P.M. Please refer to shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w.	w.	r/in
Casino ..	o	84	52	0
T'nt'rfield	o	75	49	0
Moree ..	g	—	65	0
Grafton ..	g	83	60	0
Gl'n Inn's	o	79	49	0
Inverell ..	g	73	49	0
Bourke ..	o	88	66	0
Narrabri ..	g	89	54	0
Armidale.	c	68	—	0
Bendem'r	o	75	51	0
Gunned'h	-	—	—	—
C'n'mble .	f	74	57	0
Tamw'rth	o	88	54	0
Coonab'n.	g	89	51	0
P.M'cqrie	g	77	60	0
W'lcannia	g	70	56	0
Murr'ndi	o	72	53	0
Cassilis ..	g	71	60	0
Mus'br'ok	g	83	55	0
Dubbo ..	-	—	—	—
Menindie	t	80	66	0·62
Mudgee ..	g	88	57	0
Maitland	c	76	57	0
Hill End .	-	—	—	—
Newcast'e	b	81	55	0
Orange ..	-	—	—	—
Bathurst	o	75	49	0
Forbs	b	79	58	0
M. Vict'ria	c	65	52	0
Cond'b'in	g	69	48	0
Picton. ..	b	79	10	0
Carcoar ..	b	68	56	0
Wentw'th	r	85	65	0·21
Young ..	-	—	—	—
Woll'g'ng	-	—	—	—
Hay.....	-	—	—	—
Moss Vale	b	72	55	0·30
Euston ..	r	87	62	0
Goulburn	g	76	48	0
Wagga ..	b	79	42	0·05
Cape Geo.	b	73	57	0
Queanb'n	g	68	50	0
Deniliq'n	g	84	61	0·03
Mornya ..	b	74	55	0
Kiandra	n	53	10	0

Alb'ry	o	81·53	0	
B'd'lla	f	76·52	0	
Cooma	g	76·44	0	
Eden	b	70·58	0	
Gabo	-	—	—	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 24 1882 with NOTES to 3 P.M.

Sydney Observatory.

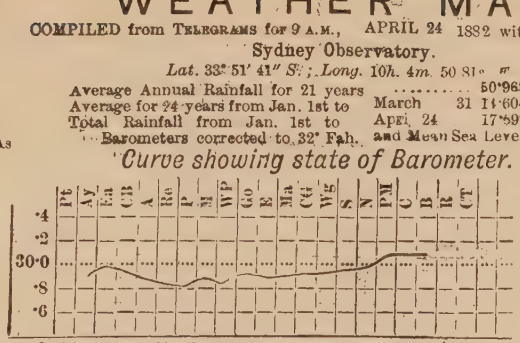
Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50 81 E

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 24 17·597
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	M.	R'in
Casino ..	b	78	57	0
T'nt'rfield	o	75	51	0·06
Moree ..	g	—	60	0·01
Grafton..	f	77	61	0
Gl'n Inn's	o	90	53	0·18
Inverell..	b	69	44	0
Bourke ..	b	76	59	0
Narrabri:	g	83	54	0
Armidale.	b	64	- -	0·02
Bendem'r	g	74	43	0
Gunned'h	b	83	48	0
C'n'mble .	o	72	57	0·48
Tamw'rth	b	79	46	0·07
Coonab'n.	r	73	54	0·40
P.M'cqrie	b	76	67	0
W'lcannia	●	60	46	0·19
Murr'ndi	o	71	56	0
Cassilis ..	p	70	63	0
Mus'br'ok	b	75	53	0
Dubbo ..	o	79	62	0·20
Menindie	o	67	53	1·01
Mudgee..	r	78	60	0·10
Maitland	U	72	57	0
Hill End .	p	—	—	—
Newcast'e	b	76	57	0
Orange ..	o	65	53	0·13
Bathurst	g	72	53	0 20
0 57 Forbs	u	72	53	0·52
M.Vict'ria	–	—	—	—
Cond'b'in	o	65	44	0·60
Picton. ..	f	70	54	0
Carcoar..	o	60	58	0·53
Wentw'th	b	67	50	0·03
Young ..	g	64	59	0·75
Woll'g'ng	–	—	—	—
Hay.....	u	81	48	1·37
Moss Vale	–	—	—	–
Euston ..	r	66	48	0 13
Goulburn	l	72	53	0·64
Wagga ..	p	72	49	0·78
Cape Geo.	b	70	52	0
Queanb'n	o	69	53	0·75
Deniliq'n	b	81	48	1·40
Moreya ..	m	73	58	0·06
Kiandra	o	45	15	2·40

Ally	o	79	50	0·62
B'd'lla	b	76	51	0·08
Cooma	o	65	47	0·57
Eden	o	68	47	0·58
Gabo	3	-	—	0·20

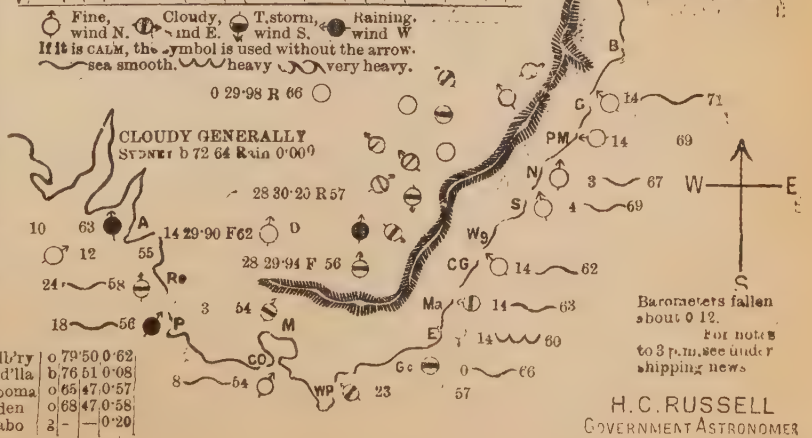
Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.



WIND SCALE.
1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain.
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers fallen about 0·12.

For notes to 3 p.m. see under shipping news

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 25 1882 with NOTES to 3 P.M.

Sydney Observatory.

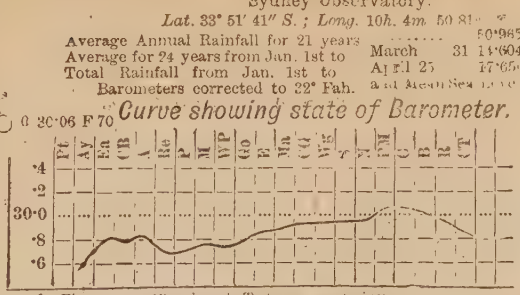
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·604
Total Rainfall from Jan. 1st to April 25 17·655
Barometers corrected to 22° Fah. and Mean Sea Level

Stations.	wt	w	d	r'in
Casino ..	b	90	64	0
T'nt'rfield	b	77	47	0
Moree ..	b	–	59	0·28
Grafton..	f	89	62	0
Gl'n Inn's	o	79	47	0
Inverell..	b	74	41	0
Bourke ..	–	—	—	—
Narrabri..	b	83	46	0·22
Armidale.	b	68	–	0
Bendem'r	f	75	41	0
Gunned'h	b	87	48	0
C'n'mble..	b	75	50	0
Tamw'rth	f	85	51	0·10
Coonab'n.	–	—	—	—
P.M'c'rie	b	78	60	0
W'lcannia	o	—	56	0
Murr'ndi	b	72	52	0·27
Cassilis ..	b	89	61	0
Mus'br'ok	b	83	50	0
Dubbo ..	b	74	54	0
Menindie	o	69	51	0
Mudgee..	b	75	48	0·26
Maitland	b	78	52	0
Hill End .	–	—	—	—
Newcast'e	b	79	57	0·40
Orange ..	b	65	41	0·06
Bathurst	b	68	42	0 03
13 61				
Forbs	b	75	51	0
M.Vict'ria	–	—	—	—
Cond'b'in	–	—	—	—
Picton. .	b	72	45	0·02
Carcoar..	b	69	50	0
Wentw'th	g	70	51	0
Young .	b	70	45	0·02
Woll'g'ng	b	75	52	0
Hay.....	–	—	—	–
Moss Vale	b	65	46	0·03
Euston ..	b	68	48	0
Goulburn	b	68	43	0·08
Wagga ..	b	64	52	0·46
Cape Geo.	b	70	45	0
Queanb'n	b	65	46	0·40
Deniliq'n	c	62	46	0·04
Murraya..	b	74	48	0·67
Kiamma	o	47	8	3·00

Alb'ry	o	66	42	0·13
B'd'lla	b	72	40	0·07
Cooma	b	62	35	0·10
Eden	b	66	52	0
Gabo	b	–	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, ..nd E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

Barometers fallen about ·05.

..., for notes to 3 p.m., see and for shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER.

b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WINDS SCALE.

12-Lt breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9° 35′ 39″ E.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 26 1882 with NOTES to 9 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. *Long* 10*h.* 4*m* 30*s* E.

Average Annual Rainfall for 21 years ... 50·95

Average for 24 years from Jan. 1st to March 31st ... 13·63

Total Rainfall from Jan. 1st to April 25 ... 17·65

Barometers corrected to 32° Fah.

Curve showing state of Barometer.

Stations.	wt		
Casino	b	89	58
Tenterfield	b	72	46
Morpeth	o	73	62
Grafton	b	87	60
Port Macquarie	b	79	48
Inverell	b	73	1
Bourke	r	73	58
Nyngan	r	79	52
Armidale	o	38	—
Tenterfield	r	82	50
Gunnedah	r	86	52
Coonabarabran	o	74	54
Tamworth	r	78	54
Coonabarabran	r	74	54
Port Macquarie	g	76	62
Wellington	o	—	—
Murrumbidgee	r	85	56
Cassilis	r	89	53
Muswellbrook	r	85	58
Dubbo	g	77	53
Moruya	o	66	5
Mudgee	o	74	54
Maitland	o	78	58
Mill End	—	—	—
Newcastle	g	79	5
Orange	b	62	48
Bathurst	b	66	47
Forbes	g	76	52
Mount Victoria	—	—	—
Condobolin	g	58	37
Picton	o	70	46
Carcoar	g	62	51
Wentworth	b	67	55
Young	g	74	50
Wollongong	o	75	57
Hay	o	64	47
Moss Vale	o	65	49
Euston	b	79	4
Goulburn	g	66	47
Wagga	—	66	42
Cape Otway	b	75	5
Queanbeyan	b	66	45
Braidwood	g	66	48
Moruya	g	74	5
Nundle	o	84	50

Albury	b	65	48
Bellata	b	71	9
Coonamble	b	68	41
Eden	b	65	52

Fine wind N. Cloudy and E. 1, storm, wind S. Raining wind W

If R is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

14·29·89 59

CLOUDY GENERALLY

14·29·91 57

14·29·84 54

14·30·01 57

WEATHER.

b-Blue sky.
c-Scattered clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
s-Thunder
w-Threatening

WIND.

Force. Wind. Scale.
13-Light breeze
34-Mod. ,,
54-Fresh ,,
80-Strong gale
95-Whole ,,

TIME BALL.

Drops at 1 p.m. S.M.T. or 2h 55m. 9·13s. a.m. Greenwich M.T. Time Mag. Var. 9° 35′ 30″ E.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 27 1882 with Observations to 9 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. Long. 151° 12′ 40″ E.

Average Annual Rainfall for 27 years ... March ... 3.2 ... 0.94
Average for 27 years from Jan. 1st to ... April ... 4.27 ... 1.78
Total Rainfall from Jan. 1st to ...

Barometers corrected to 32° Fah.

Curve showing heights of Barometer.

Stations.	wt'r	[illegible]	fall
Casino	r	86 62	0·43
Tent'rfield	d	74 55	0·36
Moree	r	76 61	0·50
Grafton	g	79 65	·24
Gl'n Inn's	g	79 54	·70
Inverell	g	71 43	0·1
Bourke	—	— —	—
Narrabri	r	75 51	0·60
Armidale	g	58 —	0·65
Benjem'r	g	57 36	1·15
Gunned'h	p	65 54	0·80
G'n'mble	r	71 54	0·90
Tamw'rth	o	62 55	0·10
Coolah'n	g	64 52	·38
P. Macquarie	b	66 59	·96
W'Kaimia	g	— —	0
Murr'mbl	g	59 52	0·56
Cassilis	g	70 —	50
Mus'w'brk	b	66 —	2·0 15
Dubbo	g	72 58	0
Menindie	p	69 57	0·55
Mudgee	g	68 52	0
Maitland	g	84 5	0·05
Hill End	o	— —	0·07
Newcastle	b	69 56	0·04
Orange	r	56 48	0·24
Bathurst	g	69 60	0
13 65			
Forbes	o	79 52	0
M. Victoria	—	— —	—
Cond'bin	g	60 3	0
Picton	o	66 47	0
Carcoar	g	0 53	3
Wentw'th	g	4 56	0·04
Young	o	64 45	0
Woll'g'ng	b	69 53	0
Hay	—	— —	—
Moss Vale	o	5 40	0
Euston	o	73 48	0
Goulburn	b	53 45	0
Wagga	n	56 42	0
Cape Geo.	b	68 —	0
Queanb'n	g	55 50	0
Deniliq'n	b	69 45	0
Moruya	o	74 20	0
Kiandra	p	55 9	0·40

Albury	o	67 49	0·55
Bel'lla	b	7[illegible]	0
Cooma	b	67 5	0
Eden	b	67 2	0
Gulgo	g	— —	0

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy
h-Hail
l-Lightning
m-Misty
o-Overcast
p-Passing showers
r-Rain
s-Snow
t-Thunder
w-Dew

WIND
CALM.
1-2 Light breeze
3-4 Moderate
5-6 Fresh
7-8 Strong gale
9-10 Whole gale

TIME Ball ... Bronte ... Observatory ... 9h 0m 5s ... Greenwich ... 9h 0m 0s ... Melbourne ... 8h 47m 53s ...

Fine ... Cloudy. ... T.storm ... wind N. ... and E. ... wind S. ... wind W.
If CALM, the symbol is used without the arrow.
sea smooth. ... heavy. ... very heavy.

CLOUDY GENERALLY

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 28 1882 with NOTES to 3 P.M.

Sydney Observatory.

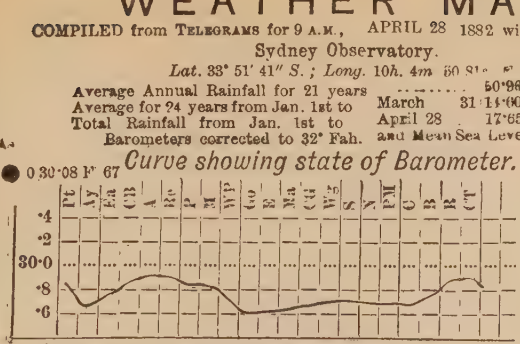
Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m* 50 S. E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 14·004
Total Rainfall from Jan. 1st to April 28 17·656
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	°	M.	rain
Casino ..	b	81	53	0
T'nt'rfield	g	62	55	0·50
Moree ..	g	69	58	0·10
Grafton..	b	74	55	0·07
Gl'n Inn's	d	78	50	0·75
Inverell..	g	62	40	0·53
Bourke ..	b	79	58	0·01
Narrabri:	o	73	47	0·20
Armidale.	–	—	–	—
Bendem'r	o	63	38	0·49
Gunned'h	b	75	50	0·22
C'n'mble.	b	65	49	0·14
Tamw'rth	b	67	47	0·91
Coonab'n.	o	64	49	0·26
P.M'cqrie	b	72	56	0
W'lcannia	o	—	–	0
Murr'ndi	b	62	51	0·40
Cassilis ..	b	61	55	0·23
Mus'br'ok	b	75	52	0·19
Dubbo ..	b	65	51	0 33
Menindie	o	69	54	0·02
Mudgee..	b	67	49	0·13
Maitland	b	70	55	0·09
Hill End.	b	—	—	0·43
Newcast'e	b	80	55	0·03
Orange ..	b	57	45	0·29
Bathurst	b	58	44	0·20
23 62				
Forbs	b	67	49	0·51
M.Viet'ria	b	67	43	0·20
Cond'b'in	b	63	44	1·00
Picton. ..	b	68	51	0
Carcoar..	g	54	44	0·32
Wentw'th	g	73	44	0
Young ..	b	73	42	0·02
Woll'g'ng	b	72	54	0
Hay.....	b	69	43	0·05
Moss Vale	b	62	44	0
Euston ..	b	76	33	0
Goulburn	b	62	40	0
Wagga ..	b	62	25	0
Cape Geo.	b	72	44	0·25
Queanb'n	b	58	41	0
Deniliq'n	b	68	40	0
Moruya ..	o	47	45	0
Kiandra	u	47	10	0

Alb'ry	b	66	41	0
B'd'lla	b	—	—	0
Cooma	b	65	60	0
Eden	b	66	50	0·90
Gabo	p	—	—	0·24

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 99·88 76

FINE GENERALLY
SYDNEY b 70 55 Rain 0·009

30·00 R 49

0 29·91 R 58 D

14 29·76 R 51

A 59 18 53 13 52 Re

P 13 52 M 13 55

CO 18 52

WP 28 52

G 28 60

E 14 56

Ma 42 50

CG 42 56

Wg 28 63

PM 42 62

N 3 63

S 12 59

C 42 65

B 3 69

R 8 74

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'lg WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

W E S

Barometers risen about 0·09.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., APRIL 29, 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to March 31 ... 14·604
Total Rainfall from Jan. 1st to April 29 ... 17·656
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

FINE GENERALLY

SYDNEY b6 7 49 rain 0·009

14 29·86 F 67

28 29 89 F 57

14 29·87 F47

14 29·84 R46

WIND SCALE.
13-Li't brze
23-Mod. ..
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
p-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S.M.T. or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG.VAR. 9°35′30″ E.

Barometers risen about 0·11 on E. coast. For hours to 3 p.m. see the shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	W	M	Rain
Casino ..	b	80	49	0
T'nt'rfield	b	66	47	0
Moree ..	n	75	60	0
Grafton..	h	84	60	0
Gl'n Inn's	b	79	41	0
Inverell..	b	61	35	0
Bourke ..	b	74	58	0
Narrabri:	b	84	47	0
Armidale.	b	59	—	0
Bendem'r	b	62	34	0
Gunned'h	b	79	40	0
C'n'mble.	–	—	–	—
Tamw'rth	b	68	37	0
Coonab'n.	b	67	33	0
P.M'cqrie	b	74	42	0
W'lcannia	b	—	—	0
Murr'ndi	b	64	42	0
Cassilis ..	b	68	54	0
Mus'br'ck	b	70	46	0
Dubbo ..	b	67	44	0
Menindie	b	72	55	0
Mudgee..	b	74	39	0
Maitland	b	68	46	0
Hill End .	–	—	–	—
Newcast'e	b	76	49	0
Orange ..	o	47	33	0
Bathurst	b	59	32	0
Forbs	b	69	49	0
M.Viet'ria	b	52	37	0
Cond'b'in	b	54	35	0
Picton...	b	65	36	0
Carcoar..	b	56	38	0
Wentw'th	g	70	48	0
Young ..	b	76	34	0
Woll'g'ng	b	68	46	0
Hay.....	b	69	41	0
Moss Vale	n	57	38	0
Euston ..	b	71	40	0
Goulburn	b	60	35	0
Wagga ..	b	60	26	0
Cape Geo.	b	64	39	0
Queanb'n	b	50	33	0
Deniliq'n	b	63	36	0
Moruya ..	g	69	65	0
Kiandra	b	41	12	0
Alb'ry	g	66	36	0
B'd'lla	b	65	34	0
Cooma	n	59	26	0
Eden	h	61	50	0
Gabo	k	–	—	0·09

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 1, 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50 *S.* of *Greenwich*

Average Annual Rainfall for 21 years ..... 50·985
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 1 .. 17·619
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	M.	r'in
Casino ..	b	82	41	0
T'nt'rfield	b	72	47	0
Moree ..	b	75	58	0
Grafton..	b	81	57	0
Gl'n Inn's	g	75	36	0·09
Inverell..	g	65	37	0
Bourke ..	—	75	58	0
Narrabri..	o	78	41	0
Armidale.	o	58	—	0·08
Bendem'r	g	63	33	0·08
Gunned'h	p	76	42	0·14
C'n'mble.	o	68	45	0·03
Tamw'rth	—	—	—	—
Coonab'n.	b	88	49	0
P.M'cqrie	b	76	56	0
W'lcannia	b	—	—	0
Murr'ndi	o	63	46	0
Cassilis ..	b	61	56	0
Mus'br'ok	g	71	46	0
Dubbo ..	—	—	—	—
Menindie	b	70	52	0
Mudgee..	b	72	46	0
Maitland	b	70	52	0
Hill End .	b	—	—	0·10
Newcast'e	o	78	55	0
Orange ..	—	—	—	—
Bathurst	b	61	36	0·07
0 57				
Forbs	b	64	45	0·28
M. Vict'ria	g	55	42	0
Cond'b'in	-	—	—	—
Picton. ..	b	63	49	0
Carcoar..	g	54	44	0·07
Wentw'th	b	68	47	0·01
Young ..	g	54	45	0·40
Woll'g'ng	o	72	52	0
Hay.....	b	69	40	0·50
Moss Vale	b	57	42	0·03
Euston ..	b	66	45	0
Goulburn	g	54	40	0.04
Wagga ..	o	59	31	0·30
Cape Geo.	o	64	41	0·57
Queanb'n	f	55	44	0
Deniliq'n	b	64	43	0·15
Moruya..	b	66	49	0·05
Kiandra	b	40	13	0

Alb'ry	f	63	40 0·42
B'd'lla	b	65	42 0·06
Cooma	b	63	40 0
Eden	b	60	51 0
Gabo	b	-	— 0·42

Curve showing state of Barometer.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. 13-Lt brze 23-Mod. ,, 34-Fresh ,, 56-Strg gale 65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL Drops at 1 p.m. S.M.T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′39″ E.

FINE GENERALLY
SYDNEY b 67 56 rain 0·009
42 30·13 R 62
28 30·34 R 53
14 30·19 R 50
0 30·04 R 46

Barometers risen about 0·17.

notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 2, 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 2 ..... 17·619
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	☀	M.	rain
Casino ..	b	73	47	0
T'nt'rfield	b	63	33	0
Moree ..	b	70	49	0
Grafton..	b	78	46	0
Gl'n Inn's	n	79	30	0
Inverell..	b	60	30	0
Bourke ..	-	—	—	—
Narrabri.	b	80	33	0
Armidale.	n	54	—	0
Bendem'r	b	60	35	0
Gunned'h	b	73	35	0
C'n'mble.	b	61	42	0
Tamw'rth	b	68	37	0
Coonab'n.	b	63	44	0
P.M'cqrie	b	69	50	0
W'lcannia	-	—	—	—
Murr'ndi	b	61	41	0
Cassilis ..	b	61	51	0
Mus'br'ok	b	71	40	0
Dubbo ..	-	—	—	—
Menindie	o	68	56	0
Mudgee..	b	78	40	0
Maitland	b	69	47	0
Hill End .	-	—	—	—
Newcast'e	b	77	46	0
Orange ..	g	52	42	0
Bathurst	b	58	38	0
8 32 Forbs	g	55	49	0
M.Vict'ria	b	51	39	0
Cond'b'in	b	55	39	0
Picton. ..	b	65	40	0
Carcoar..	g	55	45	0
Wentw'th	u	67	53	0
Young ..	u	76	46	0
Woll'g'ng	b	66	50	0
Hay.....	o	68	58	0
Moss Vale	b	57	41	0
Euston ..	u	70	49	0
Goulburn	b	61	40	0
Wagga ..	b	61	35	0
Cape Geo.	b	64	42	0
Queanb'n	f	57	37	0
Deniliq'n	u	64	48	0
Moruya...	c	76	45	0
Kiamdra	n	41	14	0

Alb'ry	g	60	43	0
B'd'lla	b	67	36	0
Cooma	c	63	35	0
Eden	b	63	54	0
Gabo	p	-	—	0·41

23 30·43 F 69 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

FINE GENERALLY.
SYDNEY b 66 52 Rain 0·000

28 30 43 R 58
14 30·26 R54
0 30·16 R 57

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL.
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

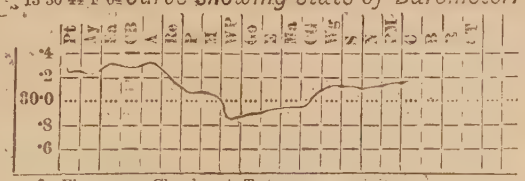
COMPILED from TELEGRAMS for 9 A.M., MAY 3, 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50 [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 3 ... 17·6 9
Barometers corrected to 32° Fah. and Mean Sea Level

13 30·44 F 64 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 29·91 65

FINE GENERALLY.
SYDNEY b 67 55 Rain 0·000

14 30·41 S 54

0 30·25 S56 D

28 30·17 S 58

Stations.	wt	w	m	s'in
Casino ..	b	77	37	0
T'nt'rfield	b	64	35	0
Moree ..	b	75	48	0
Grafton..	b	83	46	0
Gl'n Inn's	n	78	33	0
Inverell..	n	61	30	0
Bourke ..	b	78	54	0
Narrabri:	b	82	37	0
Armidale.	b	57	—	0
Bendem'r	n	61	35	0
Gunned'h	–	—	—	—
C'n'mble.	b	65	46	0
Tamw'rth	b	69	38	0
Coonab'n.	b	67	46	0
P.M'cqrie	b	72	49	0
W'lcannia	b	—	—	0
Murr'ndi	b	63	41	0
Cassilis ..	b	60	55	0
Mus'br'ok	b	71	47	0
Dubbo ..	b	64	51	0
Menindie	b	67	58	0
Mudgee..	b	80	40	0
Maitland	b	68	49	0
Hill End .	b	—	—	0
Newcast'e	b	77	52	0
Orange ..	o	55	45	0
Bathurst	g	60	46	0
0 63				
Forbs	b	67	44	0
M.Vict'ria	b	58	44	0
Cond'b'in	b	63	44	0
Picton. ..	b	69	42	0
Carcoar..	g	53	49	0
Wentw'th	b	65	48	0
Young ..	g	64	50	0
Woll'g'ng	b	71	53	0
Hay.....	b	67	—	0
Moss Vale	b	62	45	0
Euston ..	b	66	49	0
Goulburn	g	65	50	0
Wagga ..	g	58	45	0
Cape Geo.	b	69	46	0
Queanb'n	b	58	43	0
Deniliq'n	g	66	50	0
Moruya .	b	74	48	0
Kiandra	o	42	16	0

Alb'ry	o	65	51	0
B'd'lla	b	73	37	0
Cooma	b	65	42	0
Eden	b	68	52	0
Gabo	b	–	—	0

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Lt brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·03 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 4, 1882 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 8[illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 4 .. 17·609
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	Rain	a'in
Casino ..	b	83 41	0
T'nt'rfield	n	63 35	0
Moree ..	b	77 49	0
Grafton..	b	85 47	0
Gl'n Inn's	n	79 33	0
Inverell..	b	65 31	0
Bourke ..	b	76 53	0
Narrabri.	b	88 39	0
Armidale.	b	— —	—
Bendem'r	n	62 36	0
Gunned'h	b	80 37	—
C'n'mble.	b	69 43	0
Tamw'rth	b	72 39	0
Coonab'n.	b	71 37	0
P.M'cqrie	b	75 49	0
W'lcannia	b	— —	0
Murr'ndi	b	65 42	0
Cassilis ..	b	65 50	0
Mus'br'ok	b	74 48	0
Dubbo ..	b	66 46	0
Menindie	b	75 52	0
Mudgee..	b	78 43	0
Maitland	b	74 54	0
Hill End .	b	— —	0
Newcast'e	b	80 56	0
Orange ..	o	58 46	0
Bathurst	b	61 42	0
0 65			
Forbes	b	66 48	0
M.Vict'ria	b	55 45	0
Cond'b'in	b	51 40	0
Picton. ..	–	— —	0
Carcoar..	g	56 48	0
Wentw'th	b	72 49	0
Young ..	b	66 44	0
Woll'g'ng	b	72 55	0
Hay.....	b	68 47	0
Moss Vale	b	60 47	0
Euston ..	b	73 46	0
Goulburn	b	60 47	0
Wagga ..	o	60 30	0
Cape Geo.	b	73 45	0
Queanb'n	b	61 49	0
Deniliq'n	b	68 47	0
Moruya ..	b	76 68	0
Kiandra	b	50 22	0

Alb'ry	d	67 41	0
B'd'lla	b	72 35	0
Cooma	g	64 42	0
Eden	b	71 48	0
Gabo	b	— —	0

0 30·48 R 62 *Curve showing state of Barometer.*

Pr Ay Ba CB A Ra P M WP Co E Ba Ca WS S N PM U B Z Ct

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

0 30·27 R 65

FINE GENERALLY.
SYDNEY g 72 56 Rain 0·000

— 30·36 F 65

1429·81 F 54

14 29·94 F 54

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h 55m. 9·198s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·12 in N.S.W. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 5, 1892 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 58s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 5 17·6 9
Barometers corrected to 32° Fah. and Mean Sea Level

0 30·38 F 63 *Curve showing state of Barometer.*

Stations.	wt			in.
Casino ..	b	34	38	0
T'nt'rfield	b	69	42	0
Moree ..	b	76	50	0
Grafton..	b	86	47	0
Gl'n Inn's	b	79	43	0
Inverell..	n	64	28	0
Bourke ..	b	78	52	0
Narrabri.	b	89	34	0
Armidale.	b	—	—	0
Bendem'r	b	65	28	0
Gunned'h	b	81	39	0
C'n'mble.	b	69	44	0
Tamw'rth	b	72	41	0
Coonab'n.	b	71	34	0
P.M'cqrie	b	75	48	0
W'lcannia	b	—	—	0
Murr'ndi	b	66	60	0
Cassilis ..	b	66	41	0
Mus'br'ok	b	74	55	0
Dubbo ..	b	68	44	0
Menindie	b	75	51	0
Mudgee..	b	78	43	0
Maitland	b	72	59	0
Hill End .	b	—	—	0
Newcast'e	b	81	53	0
Orange ..	b	59	41	0
Bathurst	b	63	50	0
13 70				
Forbes	b	68	46	0
M.Vict'ria	b	56	47	0
Cond'b'in	b	60	41	0
Picton. ..	b	69	56	0
Carcoar..	b	75	51	0
Wentw'th	b	74	49	0·01
Young .	b	71	49	0
Woll'g'ng	b	73	55	0
Hay.....	b	70	49	0
Moss Vale	b	60	48	0
Euston .	b	75	44	0
Goulburn	b	58	47	0
Wagga ..	b	64	34	0
Cape Geo.	b	70	42	0
Queanb'n	b	58	45	0
Deniliq'n	b	68	45	0
Moruya .	b	77	39	0
Kiandra	–	—	—	—

All'ry	b	61	42	0·13
B'd'lla	b	74	39	0
Cooma	b	66	33	0
Eden	b	72	56	0
Gabo	g	–	–	0·01

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

1430·22 F 64

FINE GENERALLY.
SYDNEY b 71 60 Rain 0·000

14 30·38 R 59
14 30·27 R51
0 30·15 R 53

WEATHER.
b-Blue sky
c-Scattered cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt breze
23-Mod. ..
34-Fresh ..
55-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 0·09 in S. of N.S.W. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

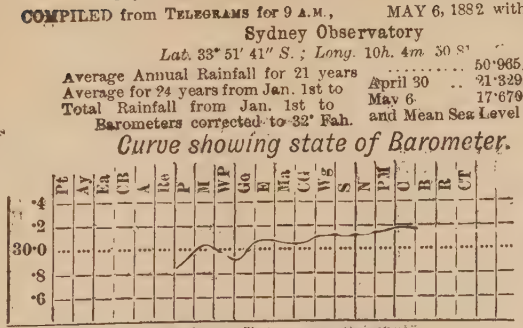
COMPILED from TELEGRAMS for 9 A.M., MAY 6, 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50 S[illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 6 .. 17·670
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt			
Casino ..	b	82	45	0
T'nt'rfield	n	72	37	0
Moree ..	b	79	50	0
Grafton.	b	86	51	0
Sl'n Inn's	f	78	35	0
Inverell..	b	65	31	0
Bourke ..	b	77	54	0
Narrabri.	b	92	39	0
Armidale.	b	62	—	0
Bendem'r	b	65	36	0
Gunned'h	b	84	35	0
C'n'mble.	b	69	41	0
Tamw'rth	b	75	38	0
Coonab'n.	b	71	33	0
P.M'cqrie	b	76	52	0
Wlcannia	b	—	—	0
Murr'ndi	b	67	40	0
Cassilis ..	b	70	64	0
Mus'b'rok	b	76	44	0
Dubbo ..	b	68	44	0
Menindie	o	73	52	0
Mudgee..	b	80	50	0
Maitland	b	73	47	0
Hill End.	b	—	—	0
Newcast'e	b	80	51	0
Orange .	n	58	37	0
Bathurst	b	64	35	0
Forbes	b	68	48	0
M.Vict'ria	–	—	—	—
Cond'b'in	b	56	37	0
Picton.	b	67	38	0
Carcoar..	b	59	45	0
Wentw'th	g	73	52	0
Young .	b	81	39	0
Woll'g'ng	b	67	45	0
Hay.....	o	70	46	0
Moss Vale	b	61	42	0
Euston ..	b	75	46	0
Goulburn	b	63	39	0
Wagga ..	b	61	36	0
Cape Geo.	b	68	42	0
Queanb'n	b	58	38	0
Deniliq'n	g	64	44	0
Moruya .	b	74	45	0
Kiandra	b	57	40	0
Alb'ry	o	64	36	0
B'd'lla	b	68	37	0
Cooma	o	64	30	0
Eden	b	65	47	0
Gabo	b	–	—	0

FINE GENERALLY.
SYDNEY m 68 51 Rain 0·000

1430·19 F 62
1430·23 F 54
1430·23 F 52
0 30·19 R 46
18 55
34 63
48 63
28 60
PM 14 59
N 5 56
S 3 54
Wg 14 63
CG 42 56
Ma 14 51
E 14 52
S 59
Ge
WP 23 57

WIND SCALE.
0-Calm
1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL.
Drops at 1 p.m. S M T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 8th 1882 with NOTES to 3 P.M.

Sydney Observatory

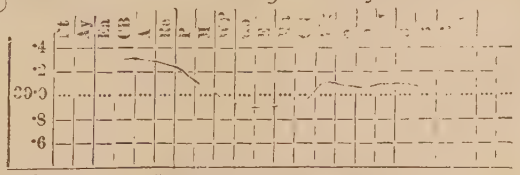
Lat. 33° 51′ 47″ S ; *Long.* 10h. 4m. 47s. E

Average Annual Rainfall for 21 years ... 50·935.
Average for 24 years from Jan. 1st to April 30 ... 21·549
Total Rainfall from Jan. 1st to May 8 ... 17·170
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt			
Casino ..	b	85	36	0
T'nt'rfield	b	72	33	0
Moree ..	—	—	—	—
Grafton.	b	86	47	0
Gl'n Inn's	n	78	29	0
Inverell..	b	63	27	0
Bourke ..	b	78	47	0
Narrabri.	-	—	—	—
Armidale.	b	63	—	0
Bendem'r	n	66	33	0
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	b	74	30	0
Coonab'n.	b	76	33	0
P.M'cqrie	b	76	48	0
W'lcannia	b	—	—	0
Murr'ndi	-	—	—	—
Cassilis ..	n	60	42	0
Mus'br'ok	S	78	44	0
Dubbo ..	b	62	42	0
Menindie	b	67	46	0
Mudgee..	b	69	37	0
Maitland	-	—	—	—
Hill End .	b	—	—	0
Newcast'e	b	84	50	0
Orange .	n	53	36	0
Bathurst	b	69	32	0
Forbs.	b	66	42	0
M.Vict'ria	b	56	36	0
Cond'b'in	b	56	33	0
Picton. .	b	72	37	0
Carcoar..	n	58	39	0·20
Wentw'th	b	65	38	0
Young .	b	74	34	0·09
Woll'g'ng	b	74	50	0
Hay.....	b	69	41	0
Moss Vale	b	61	38	0
Euston ..	b	67	41	0
Goulburn	b	56	38	0·02
Wagga ..	b	59	34	0
Cape Geo.	b	58	41	0
Queanb'n	b	58	39	0
Deniliq'n	b	62	38	0
Moruya ..	b	74	43	0
Kiandra	n	50	22	0

All'ry	c	60	41 0·05
B'd'lla	b	63	36 0
Cooma	—	—	— —
Eden	—	—	— —
Cabo	—	—	— —

0 30·36 F 64 *Curve showing Scale of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. ... wind ... If it is CALM, the symbol is used without the arrow. sea smooth. ... heavy ... very heavy.

1430·25 R 55

FINE GENERALLY.
SYDNEY b 75 45 Rain 0·000

14 30·43 R 48

0 30·28 R 46

0 30·13 F 51

WIND SCALE.
1-Light breeze
2-Mod. ,,
3-Fresh ,,
4-Strong gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·11 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 9. 1882 with NOTES to 3 P.M.

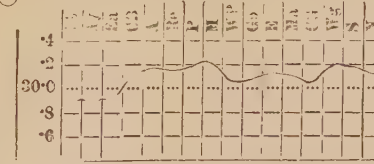
Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 9 ..... 17·870
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt			
Casino ..	b	82	36	0
T'nt'rfield	b	62	28	0
Moree .	b	79	43	0
Grafton	b	86	40	0
Gl'n Inn's	n	62	33	0
Inverell ..	b	62	21	0
Bourke ..	g	68	46	0
Narrabri .	b	81	31	0
Armidale .	b	57	—	0
Bendem'r	n	61	27	0
Gunned'h	b	79	29	0
C'n'mble .	b	63	37	0
Tamw'rth	b	68	28	0
Coonab'n.	b	65	29	0
P.M'cqrie	f	73	45	0
W'lcannia	o	—	—	0
Murr'ndi	b	62	32	0
Cassilis ..	n	58	42	0
Mus'br'ok	b	78	37	0
Dubbo ..	b	61	34	0
Menindie	o	64	48	0
Mudgee ..	n	73	35	0
Maitland	b	66	41	0
Hill End .	b	—	—	0
Newcast'e	b	81	47	0
Orange . .	n	49	35	0
Bathurst	b	54	28	0
0 65				
Forbs	b	63	45	0
M.Vict'ria	-	-	—	—
Cond'b'in	b	48	33	0
Picton. .	b	62	38	0
Carcoar ..	n	51	39	0
Wentw'th	g	68	42	0
Young .	n	73	33	0
Woll'g'ng	b	71	57	0
Hay.....	o	68	42	0
Moss Vale	b	53	37	0
Euston ..	b	70	44	0
Goulburn	b	56	31	0
Wagga ..	b	59	24	0
Cape Geo.	b	66	38	0
Queanb'n	n	54	33	0
Deniliq'n	b	68	37	0
Moruya ..	b	68	42	0
Kiandra	n	50	12	0

Alb'ry	f	62	32	0
B'd'lla	b	66	30	0
Cooma	n	57	26	0
Eden	b	62	52	0·06
Gabo	-	-	—	—

0 30·31 F 66 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

1430·22 F 50

FINE GENERALLY.
SYDNEY b 65 49 Rain 0·000

N 14 30·33 F 49

30·30 R 46

0 30·18 R 39

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·12 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 10, 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 40*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 10 17·670
Barometers corrected to 32° Fah. and Mean Sea Level

0 30·26 R 64 *Curve showing state of Barometer.*

Stations.	wt'			
Casino ..	b	79	43	0
T'nt'rfield	b	65	35	0
Moree ..	b	74	46	0
Grafton ..	b	85	41	0
Gl'n Inn's	b	64	31	0
Inverell ..	b	61	28	0
Bourke ..	b	65	46	0
Narrabri ..	b	77	36	0
Armidale.	b	57	—	0
Bendem'r	b	63	32	0
Gunned'h	b	75	31	0
C'n'mble .	–	—	—	—
Tamw'rth	o	70	32	0
Coonab'n.	b	66	29	0
P.M'cqrie	m	70	51	0
W'lcannia	b	—	—	0
Murr'ndi	b	60	35	0
Cassilis ..	n	56	43	0
Mus'br'ok	b	70	39	0
Dubbo ..	b	60	41	0
Menindie	b	63	45	0
Mudgee ..	b	72	38	0
Maitland	b	64	44	0
Hill End .	b	—	—	0
Newcast'e	b	80	47	0
Orange ..	b	53	31	0
Bathurst	b	61	29	0
0 71				
○ Forbs	b	66	41	0
M, Vict'ria	-	—	—	—
Cond'b'in	b	52	31	0
Picton. ..	b	63	32	0
Carcoar ..	b	52	36	0
Wentw'th	b	67	43	0
Young ..	b	79	32	0
Woll'g'ng	b	66	47	0
Hay.....	b	66	51	0
Moss Vale	n	56	31	0
Euston ..	-	—	—	—
Goulburn	b	62	26	0
Wagga ..	b	58	19	0
Cape Geo.	b	65	40	0
Queanb'n	n	53	33	0
Deniliq'n	-	—	—	—
Moruya ..	g	86	44	0
Kiandra	n	50	11	0

Alb'ry	f	61	29	0
B'd'lla	b	68	34	0
Cooma	n	67	20	0
Eden	b	63	45	0
Gabo	–	–	–	–

Fine wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

FINE GENERALLY.
SYDNEY b 64 47 Rain 0·000

14 30·12F 56

28 30·31 F 54

0 30·22 R 40

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R ○ 3 65

WEATHER.
b-Blue sky .
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

B — 64
C 14 58
PM 28 59
N 3 64
S 3 52
W 14 61
CG 28 54
Ma 14 46
E 14 50
WP 3 53
Ge
CO
M
P 18 55
34 56
40 55
28 56
Re
A
8 66
3 62

W — E
S

Barometers risen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 a.m. MAY 11, 1904.

Sydney Observatory

Lat. 33° 51′ 41″ S ; *Long.* 10h. 4m. 52s. E.

Average Annual Rainfall for 21 years . . . 47·05.
Average for 24 years from Jan. 1st to April 30 . . . 21·59
Total Rainfall from Jan. 1st to May 11 . . . 17·73
Barometers corrected to 32° Fah. and Mean Sea Level.

Stations.	wr		
Casino ..	b	87 44	0
T'nt'rfield	b	68 34	0
Moree ..	b	81 51	0
Grafton ..	b	78 49	0
Gl'n Inn's	b	63 43	0
Inverell ..	b	67 55	0
Bourke ..	b	71 50	0
Narrabri ..	b	96 38	0
Armidale ..	n	60 —	0
Bendem'r	f	66 35	0
Gunned'h	b	79 31	0
C'n'mble .	b	69 40	0
Tamw'rth	b	76 33	0
Coonab'n.	b	70 39	0
P.M'cquie	m	72 49	0
W'lcannia	b	— —	0
Murr'ndi	b	64 38	0
Cassilis ..	b	59 42	0
Mus'br'ok	S	70 40	0
Dubbo ..	b	64 41	0
Menindie	b	70 47	0
Mudgee ..	b	74 36	0
Maitland	b	66 46	0
Hill End ..	b	— —	0
Newcast'e	b	80 46	0
Orange ..	n	54 32	0
Bathurst	b	67 29	0
13 59			
Forbes	b	66 47	0
M. Victoria	-	— —	—
Condobolin	b	54 33	0
Picton. .	n	63 33	0
Carcoar .	n	56 44	0
Wentw'th	b	74 53	0
Young .	n	82 36	0
Woll'g'ng	-	— —	—
Hay.....	b	69 41	0
Moss Vale	n	57 36	0
Euston ..	g	74 57	—
Goulburn	b	68 28	0
Wagga ..	b	61 59	0
Cape Geo.	b	66 43	0
Queanb'n	n	53 33	0
Deniliq'n	o	63 43	0
Moruya .	b	65 42	0
Kiandra	n	50 0	0

Albury	b	61 34	0
B'd'lla	b	63 32	0
Cooma	n	65 25	0
Eden	b	60 46	0
Gabo	-	— —	—

WEATHER.
b-Blue sky.
c-Scattered Clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
r-Frost
s-Snow
show'rs-Showers
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND CALE.

TIME BALL
Dropsat 1 p.m. S.M.T
or 2 h. 55m. 9·0s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Fine wind N. Cloudy, and E. Showers, wind S. Rain, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 30·17 R 61

FINE GENERALLY.
SYDNEY b 64 48 Rain 0·0

28 30·20 F 61

0 30 22 – 53

14 30·22 S 45

Barometers fallen about 0·09 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

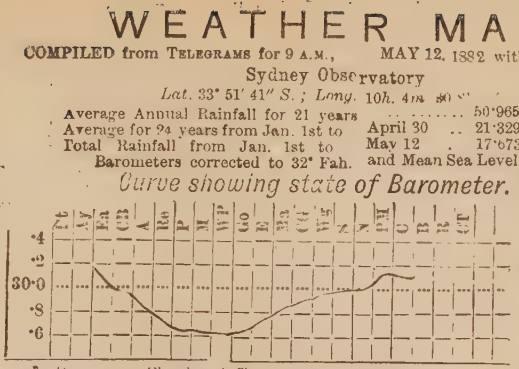
COMPILED from TELEGRAMS for 9 A.M., MAY 12, 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50*s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 12 .. 17·673
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·01 F 65

CLOUDY GENERALLY.
SYDNEY o 66 52 Rain 0·000

42 30·00 F 61

14 29·87 F 57

14 29·90 F 49

Stations.	wt			in
Casino ..	b	82	44	0
T'nt'rfield	b	72	44	0
Moree ..	g	78	60	0
Grafton ..	b	84	51	0
Gl'n Inn's	o	73	42	0
Inverell ..	o	63	36	0
Bourke ..	g	76	62	0
Narrabri	g	86	48	0
Armidale.	o	62	—	0
Bendem'r	o	68	41	0
Gunned'h	–	—	—	—
C'n'mble .	–	76	55	0
Tamw'rth	b	77	44	0
Coonab'n.	m	73	41	0
P.M'cqrie	g	74	52	0
W'lcannia	o	—	—	0
Murr'ndi	g	61	50	0
Cassilis ..	o	70	64	0
Mus'br'ok	o	73	45	0
Dubbo ..	o	68	42	0
Menindie	p	78	57	0
Mudgee..	o	77	46	0
Maitland	g	68	36	0
Hill End .	o	—	—	0
Newcast'e	g	80	50	0
Orange ..	o	57	35	0
Bathurst	g	72	40	0
13 56 Forbs	g	66	48	0
M.Vict'ria	o	62	52	0
Cond'b'in	–	—	—	—
Picton. ..	g	69	39	0
Carcoar..	g	69	45	0
Wentw'th	b	80	59	0·01
Young ..	o	82	42	0
Woll'g'ng	o	73	52	0
Hay.....	o	71	53	0
Moss Vale	b	64	43	0
Euston ..	g	81	64	0
Goulburn	o	71	37	0
Wagga ..	r	64	40	0·09
Cape Geo.	b	73	46	0
Queanb'n	g	58	39	0
Deniliq'n	p	82	62	0·04
Morwya ..	g	69	46	0
Kiandra	n	49	10	0

Alb'ry	r	67	38	0·08
B'd'lla	g	75	37	0
Cooma	u	67	37	0
Eden	g	63	49	0
Gabo	–	–	–	–

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·24 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 13 1882 with Notes to 3 P.M.

Sydney Observatory

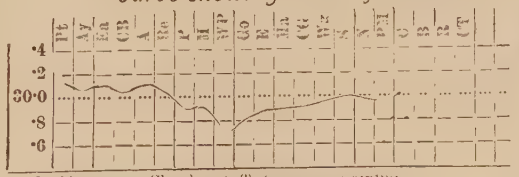
Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. ... E.

Average Annual Rainfall for 21 years ... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 13 17·673
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt			Rain
Casino ..	o	85	56	0
T'ut'rfield	b	74	54	0
Moree ..	b	79	62	0
Grafton ..	b	83	58	0
Gl'n Inn's	b	74	53	0
Inverell ..	b	67	46	0
Bourke ..	b	76	60	0
Narrabri:	b	78	47	0
Armidale.	o	62	—	0
Bendem'r	o	66	33	0
Gunned'h	-	—	—	—
C'n'mble .	-	67	48	—
Tamw'rth	b	73	52	0
Coonab'n.	b	64	47	0
P.M'cqrie	b	74	57	0
W'lcannia	b	—	—	0
Murr'ndi	b	66	55	0
Cassilis ..	b	72	60	0·06
Mus'br'ok	b	57	52	0
Dubbo ..	b	61	46	0·13
Menindie	b	74	45	0
Mudgee..	b	68	47	0·10
Maitland	b	69	44	0
Hill End .	b	—	—	0·20
Newcast'e	b	74	57	0
Orange ..	b	59	38	0·74
Bathurst	b	65	39	0·24
18 58 Forbs	b	64	46	0
M.Vict'ria	-	—	—	—
Cond'b'in	b	59	35	0
Picton. ..	b	72	41	0
Carcoar..	b	58	46	0·40
Wentw'th	b	70	40	0
Young .	b	60	36	0·39
Woll'g'ng	b	78	50	0
Hay.....	b	74	37	0
Moss Vale	b	65	38	0
Euston ..	b	72	44	0
Goulburn	b	66	36	0·14
Wagga ..	b	61	32	0·18
Cape Geo.	b	74	42	0
Queanb'n	b	56	42	0
Deniliq'n	b	68	38	0
Morwya ..	b	77	49	0
Kiandra	-	—	—	0

All'ry	b	64	28 0·23
B'd'lla	b	73	32 0
Cooma	n	64	31 0
Eden	b	72	47 0
Gabo	-	-	— —

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE.
0-Calm
1-Light breze
2-Mod. ,,
3-Fresh ,,
4-Strong gale
5-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

FINE GENERALLY.
SYDNEY b 75 56 Rain 0·000

— 30·11 R 59
14 30·23 R 50
14 30·12R46
0 30·01 R 43

Barometers risen about 0·11.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M. MAY 15 1882 with Norms to [illegible]

Sydney Observatory

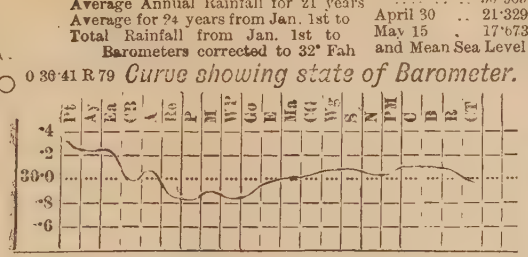
Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m* [illegible]

Average Annual Rainfall for 21 years [illegible] 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 15 . 17·673
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M.	M.	Rain
Casino ..	b	79	37	0
T'nt'rfield	b	70	31	0
Moree ..	b	71	43	0
Grafton..	b	84	46	0
Gl'n Inn's	n	69	30	0
Inverell..	n	72	25	0
Bourke ..	b	71	47	0
Narrabri:	b	87	30	0
Armidale.	b	64	—	0
Bendem'r	n	68	31	0
Gunned'h	–	—	—	—
C'n'mble .	–	65	36	0
Tamw'rth	b	68	31	0
Coonab'n.	n	65	28	0
P.M'cqrie	b	70	49	0
W'lcannia	o	—	—	0
Murr'ndi	b	65	36	0
Cassilis ..	n	65	33	0
Mus'br'ok	b	68	43	0
Dubbo ..	b	62	40	0
Menindie	b	72	51	0
Mudgee..	n	75	36	0
Maitland	b	68	54	0
Hill End .	b	—	—	0
Newcast'e	b	74	51	0
Orange ..	b	50	39	0
Bathurst	b	60	32	0
0 63 Forbs	b	61	40	0
M.Vict'ria	b	62	38	0
Cond'b'in	o	52	34	0
Picton..	b	64	38	0
Carcoar..	g	53	34	0
Wentw'th	b	72	44	0
Young ..	b	62	41	0
Woll'g'ng	b	74	54	0
Hay.....	b	75	33	0
Moss Vale	n	54	42	0
Euston ..	o	68	43	0
Goulburn	g	57	44	0
Wagga ..	o	52	28	0·02
Cape Geo.	b	64	44	0
Queanb'n	b	53	39	0
Deniliq'n	b	66	44	0·03
Moruya ..	b	70	46	0
Kiandra	–	—	—	0

Alb'ry	b	61	40	0·28
B'd'lla	b	66	33	0
Cooma	b	51	25	0
Eden	b	62	52	0
Gabo	b	–	—	0·38

0 30·41 R 79 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·14 R 58

FINE GENERALLY,
SYDNEY b 61 52 Rain 0·000

28 30·21 F 55

29·85 F 51

0 30·04 R 52

WIND SCALE.
1-3-Lt'r breze
2-3-Mod. ,,
4-5-Fresh ,,
6-Strg gale ,,
7-8-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·07.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 16 1882 with NOTES to 3 P.M.

Sydney Observatory

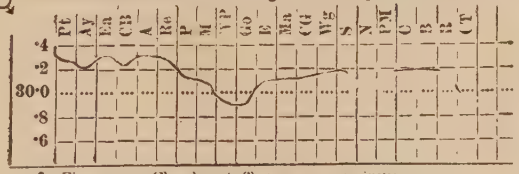
Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50 E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 16 . 17·673
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M	M	Rain
Casino ..	b	80	36	0
T'nt'rfield	n	65	30	0
Moree ..	b	75	44	0
Grafton..	b	82	43	0
Gl'n Inn's	b	66	32	0
Inverell..	n	64	26	0
Bourke ..	b	75	51	0
Narrabri.	b	90	30	0
Armidale.	b	57	—	0
Bendem'r	n	64	31	0
Gunned'h	–	—	—	—
O'n'mble .	–	69	38	0
Tamw'rth	b	70	32	0
Coonab'n.	b	64	31	0
P.M'cqrie	b	72	47	0
W'lcannia	b	—	—	—
Murr'ndi	b	62	39	0
Cassilis ..	n	64	34	0
Mus'br'ok	b	71	45	0
Dubbo ..	b	65	45	0
Menindie	b	73	46	0
Mudgee..	b	81	45	0
Maitland	b	97	64	0
Hill End .	b	—	—	0
Newcast'e	b	72	54	0
Orange ..	b	50	39	0
Bathurst	b	60	41	0
0 60				
○ Forbs	b	60	39	0
M.Vict'ria	b	53	40	0
Cond'b'in	b	54	44	0
Picton. ..	b	67	46	0
Carcoar..	b	55	46	0
Wentw'th	b	75	39	0
Young ..	n	60	40	0
Woll'g'ng	b	68	49	0
Hay.....	b	73	38	0
Moss Vale	b	58	41	0
Euston ..	b	73	43	0
Goulburn	b	60	38	0
Wagga ..	b	61	24	0
Cape Geo.	b	65	42	0
Queanb'n	b	58	40	0
Deniliq'n	b	67	38	0
Moruya ..	b	66	44	0
Kiandra	–	—	—	—

Alb'ry	–	—	—
B'd'lla	n	64	32	0
Cooma	n	62	25	0
Eden	b	62	48	0
Gabo	b	–	—	0·02

8 30·45 R 60 *Curve showing state of Barometer.*



○ Fine, wind N. ◐ Cloudy, and E. ◒ T.storm, wind S. ◐ Raining, wind W
If it is CALM, the symbol is used without the arrow.
~ sea smooth. ≈ heavy. ≋ very heavy.

28 30·25 R 59

FINE GENERALLY.
SYDNEY b 68 56 Rain 0·000

14 30·41 R 43

14 30·30R 49

0 59 A 23 58 Re

28 55 P 18 55 M

48 54 CO

48 54 WP

55 Ma 14 47
E 14 55
G 23 58

Wg 0 59
CG 28 53
S 1 57
N 2 70
PM 14 57
C 28 59
B 3 61

R 3 67

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 0·11.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 17 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 94 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 17 17·673
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt		L	tin
Casino ..	b	74	40	0
T'nt'rfield	n	71	31	0
Moree ..	b	72	43	0
Grafton..	b	82	45	0
Gl'n Inn's	n	72	28	0
Inverell..	n	65	25	0
Bourke ..	b	72	47	0
Narrabri:	b	95	26	0
Armidale.	n	60	—	0
Bendem'r	b	64	27	0
Gunned'h	b	81	28	0
C'n'mble.	–	67	38	0
Tamw'rth	b	74	28	0
Coonab'n.	b	71	27	0
P.M'cqrie	b	71	46	0
W'lcannia	b	—	—	0
Murr'ndi	b	65	34	0
Cassilis ..	b	65	34	0
Mus'br'ok	n	72	40	0
Dubbo ..	b	68	40	0
Menindie	b	69	49	0
Mudgee..	n	79	36	0
Maitland	b	68	39	0
Hill End .	b	—	—	0
Newcast'e	b	73	49	0
Orange ..	b	56	39	0
Bathurst	n	63	30	0
8 59 Forbs	b	60	40	0
M.Vict'ria	b	55	40	0
Cond'b'in	b	50	32	0
Picton..	b	68	43	0
Carcoar..	n	55	36	0
Wentw'th	b	70	39	0
Young ..	b	79	35	0
Woll'g'ng	b	71	57	0
Hay.....	b	73	39	0
Moss Vale	b	59	40	0
Euston ..	b	7	43	0
Goulburn	b	61	41	0
Wagga ..	b	61	31	0
Cape Geo.	b	70	41	0
Queanb'n	b	57	35	0
Deniliq'n	b	61	44	0
Moruya ..	b	71	44	0
Kiandra	b	51	9	0

Alb'ry	o	61	44	0
B'd'lla	b	70	31	0
Cooma	n	67	25	0
Eden	b	62	48	0
Gabo	b	–	—	0

0 30·35 F 60 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma Cc WS L N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

0 30·27 R 59

FINE GENERALLY.

SYDNEY b 70 53 Rain 0·000

14 30·39 F 48

14 30·31 R 51

14 30·24 - 52

8 58 – 58 23 59 28 57 56 59

A Re P M CG WP

B 8 59 C 28 58 PM 14 59 N 4 59 S 5 55 Wg 14 61 CG 42 55 Ma 56 48 E 14 56 G 13 59 34 56

R 3 64

WIND SCALE.

1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL

Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 0·11.

For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., MAY 18 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 18 17·676
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	a.	In.	Rain
Casino ..	b	83	38	0
T'nt'rfield	b	70	31	0
Moree ..	b	80	46	0
Grafton..	b	83	46	0
Gl'n Inn's	n	73	28	0
Inverell..	b	64	25	0
Bourke ..	b	72	49	0
Narrabri.	b	96	32	0
Armidale.	b	60	—	0
Bendem'r	n	67	28	0
Gunned'h	b	81	28	0
C'n'mble.	b	70	37	0
Tamw'rth	b	74	29	0
Coonab'n.	n	74	27	0
P.M'cqrie	b	70	56	0
W'lcannia	b	—	—	0
Murr'ndi	b	65	37	0
Cassilis ..	n	65	37	0
Mus'br'ok	b	71	39	0
Dubbo ..	b	64	40	0
Menindie	b	70	43	0
Mudgee..	n	75	34	0
Maitland	b	66	40	0
Hill End .	b	—	—	0
Newcast'e	b	75	45	0
Orange ..	n	57	33	0
Bathurst	n	62	39	0
Forbs	b	58	33	0
M.Vict'ria	b	60	44	0
Cond'b'in	b	51	31	0
Picton. ..	b	70	34	0
Carcoar..	n	55	36	0
Wentw'th	b	74	40	0
Young ..	n	82	36	0
Woll'g'ng	b	71	52	0
Hay.....	b	73	39	0
Moss Vale	b	61	41	0
Euston ..	o	72	65	0
Goulburn	b	62	37	0
Wagga ..	n	64	24	0
Cape Geo.	b	69	41	0
Queanb'n	b	57	35	0
Deniliq'n	b	66	44	0
Moruya..	b	69	45	0
Kiandra	b	45	17	0
Alb'ry	b	55	51	0
B'd'lla	b	70	33	0
Cooma	n	72	23	0
Eden	b	66	47	0
Gabo	—	—	—	—

0 30·34 F 60 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

MILES WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

FINE GENERALLY.
SYDNEY b 63 46 Rain 0·000

0 30·24 F 57
14 30·39 S 49
14 30·34 R 50
0 30·18 F 61

Barometers risen about 0·04.
For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 19 1882 with NOTES to 3 P.M.

Sydney Observatory

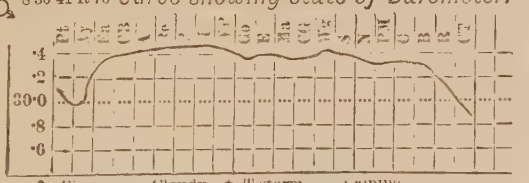
Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* .0 *s.*

Average Annual Rainfall for 21 years .. .. .. 50·965
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 19 .. 17·678
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt			Rain
Casino ..	b	81	42	0
T'nt'rfield	n	71	36	0
Moree ..	b	81	38	0
Grafton ..	b	82	44	0
Gl'n Inn's	b	72	32	0
Inverell ..	b	61	30	0
Bourke ..	b	73	48	0
Narrabri ..	b	96	26	0
Armidale.	b	60	—	0
Bendem'r	b	68	30	0
Gunned'h	b	82	32	0
C'n'mble .	b	72	38	0
Tamw'rth	b	76	30	0
Coonab'n.	b	75	28	0
P.M'cqrie	b	73	48	0
W'lcannia	b	—	—	0
Murr'ndi	b	67	35	0
Cassilis ..	b	59	33	0
Mus'h'r'ok	g	75	38	0
Dubbo ..	b	64	39	0
Menindie	b	72	46	0
Mudgee ..	n	79	35	0
Maitland	b	68	47	0
Hill End .	b	—	—	0
Newcast'e	b	79	57	0
Orange ..	n	57	34	0
Bathurst	n	64	30	0
8 61 Forbs	b	63	35	0
M.Vict'ria	b	60	41	0
Cond'b'in	b	49	32	0
Picton. ..	n	70	37	0
Carcoar ..	g	50	36	0
Wentw'th	b	74	44	0
Young ..	b	86	36	0
Woll'g'ng	b	69	49	0
Hay.....	–	—	—	—
Moss Vale	n	61	36	0
Euston ..	b	79	50	0
Goulburn	b	63	24	0
Wagga ..	b	62	23	0
Cape Geo.	b	66	42	0
Queanb'n	n	56	36	0
Deniliq'n	b	70	39	0
Moruya ..	b	70	47	0
Kiandra	b	51	19	0

All'ry	b	68	36	0
B'd'lla	b	66	32	0
Cooma	n	67	23	0
Eden	r	64	48	0
Gabo	o	-	-	0·32

8 30·41 R 70 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·23 F 56

FINE GENERALLY.
SYDNEY b 67 49 Rain 0·000

14 30·47 R 52

0 30·41 R 45

14 30·39 R 49

WIND SCALE.
1-Light breeze
2-Mod. ,,
3-Fresh ,,
4-Strg gale ,,
5-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·13 in Australia. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., MAY 20 1882 with NOTES to 3 P.M.

Sydney Observatory

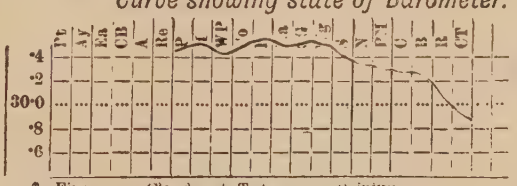
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 20 . 19·110
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	r	s.l.	r'in
Casino ..	p	80	50	0
T'nt'rfield	g	68	41	0
Moree ..	g	82	59	0
Grafton..	o	84	56	0
Gl'n Inn's	b	72	45	0
Inverell ..	g	64	35	0
Bourke ..	b	75	51	0
Narrabri.	b	94	31	0
Armidale.	g	62	—	0
Bendem'r	b	68	39	0
Gunned'h	b	81	34	0
C'n'mble.	b	74	43	0
Tamw'rth	b	60	40	0
Coonab'n.	b	74	37	0
P.M'cqrie	o	73	56	3·12
W'lcannia	b	—	—	0
Murr'ndi	g	65	43	0
Cassilis ..	g	57	32	0
Mus'br'ok	g	71	47	0
Dubbo ..	–	–	—	—
Menindie	b	69	45	0
Mudgee..	g	81	47	0
Maitland	b	68	55	1·38
Hill End .	b	—	—	0
Newcast'e	o	78	59	1·15
Orange ..	b	53	39	0·03
Bathurst	b	66	35	0
orbs	b	61	37	0
M.Vict'ria	o	55	51	0
Cond'b'in	b	49	32	0
Picton. ..	b	65	39	0·03
Carcoar..	b	57	44	0
Wentw'th	b	73	44	0
Young ..	b	86	47	0
Woll'g'ng	p	67	52	0·50
Hay.....	b	72	45	0
Moss Vale	d	57	42	0·07
Euston..	b	76	51	0
Goulburn	g	72	37	0
Wagga ..	b	61	28	0
Cape Geo.	r	63	44	1·13
Queanb'n	b	60	40	0
Deniliq'n	b	66	42	0
Moruya ..	p	62	45	0·15
Kiandra	b	47	7	0

Alb'ry	b	68	37	0
B'd'lla	o	61	44	0·17
Cooma	n	58	30	0·10
Eden	p	58	52	0·49
Gabo	g	–	–	0·37

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·24 S 58

CLOUDY GENERALLY
SYDNEY u 66 54 Rain 1·432

14 30·43 F 50

14 30·46 R49

— 30·42 R 51

0 — 45

47

8 — 49

3, 68

B 3 — 65

C 42 — 61

PM 14 — 59

N 5 — 60

S 8 — 57

W 28 — 55

CG 56 — 57

Ma 14 — 55

E 14 — 54

Ge 23 — 59

WP 23 — 53

WIND SCALES.

Ml's	
13-Lit brze	
23-Mod. ,,	
34-Fresh ,,	
56-Strg gale	
68-Whole ,,	

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
S

Barometers risen about 0·08 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

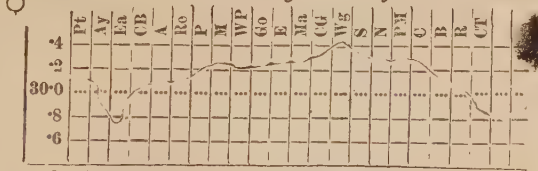
COMPILED from TELEGRAMS for 9 A.M., MAY 22 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 57*s.* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 22 .. 20·691
Barometers corrected to 32° Fah and Mean Sea Level

13 30·12 F 70 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·17 F 59

FINE GENERALLY
SYDNEY c 63 50 Rain 1.580

28 30·33 F 53

14 30·32 F 48

0 30·35 F 48

WIND SCALE. 13-Li't brze 23-Mod. ,, 34-Fresh ,, 56-Strg gale 65-Whole ,,

8 67

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 61
C 42 61
PM 42 59
N 5 63
S 0 52
W 14 58
CG 28 55
Ma 14 50
E 14 50
Go 8 59
WP 13 57
CO 13 57
M 53
P 18 53
Ro 8 53
A 8 65
23 59

W E

Barometers fallen about 0·13 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt			
Casino ..	b	63	50	1·10
T'nt'rfield	g	60	42	0
Moree ..	o	80	49	0
Grafton ..	o	74	44	0·73
Gl'n Inn's	b	71	43	0
Inverell ..	b	57	35	0
Bourke ..	b	75	51	0
Narrabri	b	85	31	0
Armidale	o	62	—	0
Bendem'r	b	64	31	0
Gunned'h	b	74	33	0
C'n'mble .	–	—	—	—
Tamw'rth	b	68	40	0
Coonab'n.	b	65	34	0
P.M'cqrie	o	68	57	0·07
W'lcannia	b	—	—	0
Murr'ndi	o	63	47	0
Cassilis ..	n	65	34	0
Mus'br'ok	b	68	43	0
Dubbo ..	b	67	44	0
Menindie	b	69	45	0
Mudgee..	b	67	48	0
Maitland	o	65	47	0·38
Hill End .	b	—	—	0
Newcast'e	b	69	55	0·05
Orange ..	b	55	40	0
Bathurst	b	61	41	0
— 64				
Forbs	b	59	39	0
M.Vict'ria	b	50	40	0·71
Cond'b'in	b	52	34	0
Picton. ..	g	61	42	0·36
Carcoar..	n	59	48	0
Wentw'th	b	77	40	0
Young ..	b	74	39	0
Woll'g'ng	o	66	51	0·04
Hay.....	b	71	47	0
Moss Vale	g	54	38	0
Euston ..	b	74	27	0
Goulburn	f	59	39	0
Wagga ..	b	59	27	0
Cape Geo.	b	64	44	0
Queanb'n	b	54	36	0
Deniliq'n	b	66	40	0
Moruya ..	b	65	42	0
Kiandra	n	51	19	0
Alb'ry	b	62	31	0
B'd'lla	b	64	38	0
Cooma	n	62	25	0
Eden	b	61	46	0
Gabo	b	-	—	0

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., MAY 23 1882 with NOTES to 2 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 23 20·691
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	w	d	in
Casino ..	p	70	45	0
T'nt'rfield	o	59	35	0
Moree ..	b	79	47	0
Grafton..	g	70	48	0
Gl'n Inn's	b	72	39	0
Inverell..	b	64	29	0
Bourke ..	b	71	50	0
Narrabri:	b	90	32	0
Armidale.	o	54	—	0
Bendem'r	b	62	32	0
Gunned'h	–	—	—	—
C'n'mble .	b	50	44	0
Tamw'rth	b	74	34	0
Coonab'n.	b	69	31	0
P.M'cqrie	o	68	54	0
W'lcannia	o	70	51	0
Murr'ndi	b	61	36	0
Cassilis ..	n	64	32	0
Mus'br'ok	b	68	40	0
Dubbo ..	b	67	47	0
Menindie	g	70	53	0
Mudgee..	b	75	41	0
Maitland	b	65	59	0
Hill End .	b	—	—	0
Newcast'e	b	71	57	0
Orange ..	b	56	41	0
Bathurst	b	66	33	0
Forbs	b	61	38	0
M.Vict'ria	o	51	42	0
Cond'b'in	b	55	40	0
Picton. ..	g	65	42	0
Carcoar..	b	56	47	0
Wentw'th	g	78	52	0
Young ..	g	84	45	0
Woll'g'ng	o	66	51	0
Hay.....	o	77	53	0
Moss Vale	r	58	41	0
Euston ..	o	75	61	0
Goulburn	g	65	34	0
Wagga ..	g	62	30	0
Cape Geo.	o	60	48	0
Queanb'n	b	55	39	0
Deniliq'n	g	71	45	0
Moruya..	g	66	47	0
Kiandra	n	52	10	0

Alb'ry	b	69	38	0
B'd'lla	b	67	32	0
Cooma	b	65	30	0
Eden	b	60	49	0
Gabo	b	–	—	0

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

CLOUDY GENERALLY
SYDNEY o 63 52 Rain 0·000

42 30·04 F 59
42 30·07 F 60
14 30·18F 54
0 30·16 F 53

WEATHER.
b-Blue sky.
c-Scatter'd Clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9s. a.m.
Greenwich Mn. Times.
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·15 in N. S. W. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

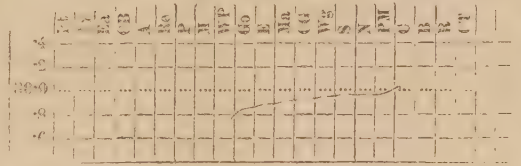
COMPILED from TELEGRAMS for 9 A.M., MAY 24 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·8*s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
To-da. Rainfall from Jan. 1st to May 24 .. 20·691
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
smooth. heavy very heavy.

14 29.58 F 59

CLOUDY GENERALLY
SYDNEY o 64 54 Rain 0·000

28 29·75 F 55

28 30·28 R54 0

11 29·86 F 53

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MI's	WIND SCALE.
13	Li't brze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

R
B
C 14 59
PM 11 58
N 3 59
S 1 55
W 14 57
CG 14 55
Ma 28 56
E 14 55
Ge 18 60
WP 23 56
22 55
P
M
A
Re

W — E
S

Barometers fallen about 0·29 in N. S. W. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

	wt			
[illegible]	o	70	55	0
[illegible]	o	65	46	0
[illegible]	g	79	59	0
[illegible]	g	72	56	0
[illegible]	o	71	47	0
[illegible]	g	65	36	0
[illegible]	r	72	60	0
[illegible]	g	69	26	0
[illegible]	o	[illegible]		0
[illegible]	u	64	[illegible]	0
[illegible]	–	–	–	–
[illegible]	–	–	–	–
[illegible]	o	[illegible]		0
[illegible]	o	68	[illegible]	0
[illegible]	o	[illegible]		0
[illegible]	o	[illegible]		0
[illegible]	g	64	[illegible]	0
[illegible]	o	69	[illegible]	0
[illegible]	o	[illegible]		0
[illegible]	b	65	[illegible]	0
[illegible]	b	75	[illegible]	0
[illegible]	g	68	52	0
[illegible]	r	[illegible]		0
[illegible]	g	72	59	0
[illegible]	r	57	41	0·05
[illegible]	r	65	39	0
[illegible]	r	64	45	0·21
[illegible]	g	52	46	0
[illegible]	r	54	44	0
[illegible]	r	63	49	0·03
[illegible]	r	57	50	0·28
[illegible]	b	63	52	0·78
[illegible]	r	70	51	0·11
[illegible]	r	74	54	0·05
[illegible]	–	–	–	–
[illegible]	r	56	47	0·11
[illegible]	o	63	56	0
[illegible]	r	62	47	0·23
[illegible]	r	58	39	0·10
[illegible]	r	56	48	0·72
[illegible]	r	57	49	0·09
[illegible]	p	62	50	0·33
[illegible]	r	65	1	0
[illegible]	o	9	9	0

Alb'ry	r	62	43	0·25
B'd'lla	–	–	–	–
Cooma	o	63	36	0·03
Eden	g	62	50	0
Gabo	g	–	–	0

WEATHER MAP.

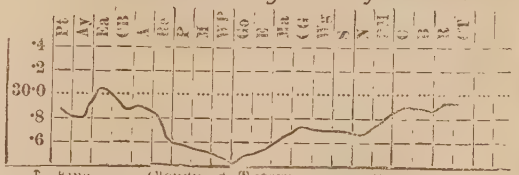
COMPILED from TELEGRAMS for 9 A.M., MAY 25 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 25 20·776
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. raining, wind W

If it is CALM, the symbol is used without the arrow.

heavy sea smooth. heavy very heavy.

28 29.91 R 59

CLOUDY GENERALLY
SYDNEY b 60 55 Rain 0·085

28 29·92 R 57

28 29·80F 55

28 29·66 F 54

Barometers fallen about 0·25 in N. S. W. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WIND SCALE.
0-Calm
1-Light breze
2-Light ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o Overcast
p Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Stations.	wt			in
Casino ..	b	72	53	0·15
T'nt'rfield	g	60	49	0
Moree ..	o	65	55	0·27
Grafton .	f	65	55	0·18
Gl'n Inn's	o	70	47	0·40
Inverell ..	-	—	—	—
Bourke ..	g	68	55	0·25
Narrabri .	o	63	32	0·39
Armidale.	o	38	—	0
Bendem'r	g	60	36	0·17
Gunned'h	o	71	45	0·13
C'n'mble .	b	62	45	0·43
Tamw'rth	o	69	49	0·22
Coonab'n.	o	65	43	0·35
P.M'cqrie	b	64	57	0·16
W'lcannia	b	65	46	0
Murr'ndi	g	63	49	0·40
Cassilis ..	o	55	34	0·06
Mus'br'ok	o	62	50	0·17
Dubbo ..	-	—	—	—
Menindie	b	63	53	0
Mudgee..	o	68	41	0·32
Maitland	b	62	53	0·10
Hill End .	f	—	—	0·27
Newcast'e	b	74	55	0·13
Orange ..	r	46	44	0·55
Bathurst	o	55	49	0·28
0 55 Forbs	r	55	38	0·22
M.Vict'ria	g	51	45	0·10
Cond'b'in	o	54	44	0·30
Picton. ..	b	59	46	0·05
Carcoar..	r	55	50	0·33
Wentw'th	b	63	54	0·07
Young .	r	68	51	0·73
Woll'g'ng	b	65	50	0
Hay.....	g	72	57	0
Moss Vale	r	56	47	0·11
Euston ..	o	62	60	0·02
Goulburn	g	62	47	0·24
Wagga ..	r	55	37	0·69
Cape Geo.	b	60	45	0·25
Queanb'n	r	53	48	0·50
Deniliq'n	p	61	50	0·12
Moruya .	g	61	48	0·08
Kiandra	r	49	8	0
Albury	d	56	49	0·70
B'd'lla	f	65	43	0·17
Cooma	o	52	39	0·02
Eden	g	39	28	0·28
Gabo	b	-	-	0·27

WEATHER MAP.

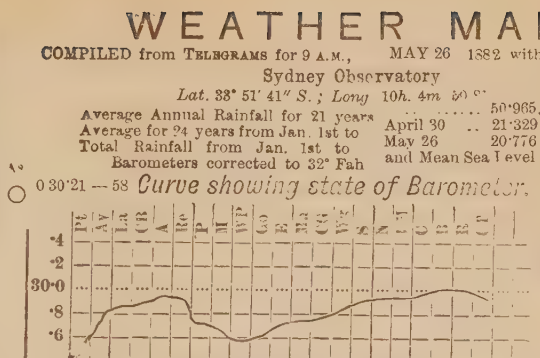
COMPILED from TELEGRAMS for 9 A.M., MAY 26 1882 with NOTES to 9 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long* 10*h.* 4*m* 50 s.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 26 .. 20·776
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt			
Casino ..	b	75	43	0
T'nt'rfield	b	55	41	0
Moree ..	b	64	53	0
Grafton ..	b	76	43	0
Gl'n Inn's	b	71	39	0
Inverell ..	g	61	32	0
Bourke ..	o	70	55	0
Narrabri	g	63	30	0
Armidale.	b	54	—	0
Bendem'r	b	60	35	0·07
Gunned'h	b	70	50	0·03
C'n'mble .	b	60	51	0
Tamw'rth	-	—	—	—
Coonab'n.	b	60	48	0
F.M'cqrie	b	72	49	0
W'lcannia	b	60	56	0
Murr'ndi	o	56	49	0·03
Cassilis ..	b	61	54	0
Mus'br'ok	b	64	48	0
Dubbo ..	o	68	52	0
Menindie	b	67	48	0
Mudgee..	b	75	43	0·04
Maitland	b	64	53	0
Hill End .	b	—	—	0
Newcast'e	b	71	54	0
Orange ..	o	55	44	0·28
Bathurst	b	53	47	0·10
Forbs	o	56	34	0·08
M.Vict'ria	g	50	42	0
Cond'b'in	b	54	38	0·08
Picton. ..	b	66	48	0
Carcoar..	g	54	48	0·29
Wentw'th	b	65	48	0
Young ..	u	60	49	0·16
Woll'g'ng	b	78	51	0
Hay.....	b	71	47	0
Moss Vale	b	58	44	0
Euston ..	b	64	59	0·01
Goulburn	u	56	46	0·10
Wagga ..	g	59	35	0·11
Cape Geo.	b	68	49	0
Queanb'n	o	53	48	0·05
Deniliq'n	b	61	45	0·05
Moruya ..	g	70	49	0
Kiamdia	r	89	37	0
All'ry	o	58	45	0·15
B'd'lla	b	71	36	0
Cooma	b	61	35	0
Eden	b	61	48	0·07
Gabo	-	-	-	-



WEATHER.
b-Blue sky
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·17 in N., S. W. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 27 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 27 .. 20·776
Barometers corrected to 32° Fah and Mean Sea Level

0 30·20 F 60 *Curve showing state of Barometer.*

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Co	E	Ma	CG	W	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 30·07 R 35

FINE GENERALLY
SYDNEY b 65 51 Rain 0·000

14 30·12 S 55

14 30·29 R44

0 30·02 R 53

Stations.	wt	M'x	M'n	R'in.
Casino ..	b	71	42	0
T'nt'rfield	n	54	33	0
Moree ..	o	70	48	0
Grafton..	b	77	46	0
Gl'n Inn's	n	64	34	0
Inverell ..	b	61	29	0
Bourke ..	g	70	52	0
Narrabri.	g	84	32	0
Armidale.	b	56	—	0
Bendem'r	n	62	35	0
Gunned'h	c	80	31	0
C'n'mble.	-	64	44	0
Tamw'rth	b	67	36	0
Coonab'n.	g	64	38	0
P.M'cqrie	m	71	50	0
W'lcannia	b	65	56	0
Murr'ndi	o	60	43	0
Cassilis ..	g	67	44	0
Mus'br'ok	g	69	45	0
Dubbo ..	•	66	48	0
Menindie	g	69	49	0
Mudgee..	o	68	42	0
Maitland	b	65	45	0
Hill End .	b	—	—	0
Newcast'e	b	74	51	0
Orange ..	b	56	40	0·15
Bathurst	g	56	35	0·03
0 57 Forbs	o	57	35	
M.Vict'ria	o	48	40	—
Cond'b'in	g	54	35	0
Picton. .	b	63	41	0
Carcoar.	b	54	41	0·02
Wentw'th	b	66	46	0
Young ..	o	70	41	0
Woll'g'ng	o	77	50	0
Hay.....	b	71	41	0
Moss Vale	b	55	39	0
Euston ..	b	61	51	0
Goulburn	b	54	40	0
Wagga ..	g	58	34	0·01
Cape Geo.	b	64	41	0
Queanb'n	b	50	45	0
Deniliq'n	b	60	38	0
Moruya ..	b	64	43	0
Kiandra	r	39	19	0

Alb'ry	b	60	46	0·02
B'd'lla	b	70	32	0
Cooma	n	58	25	0
Eden	—	—	—	—
Gabo	—	—	—	—

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MET's WIND SCALE.
13-Lt'r brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·14 in S. W. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

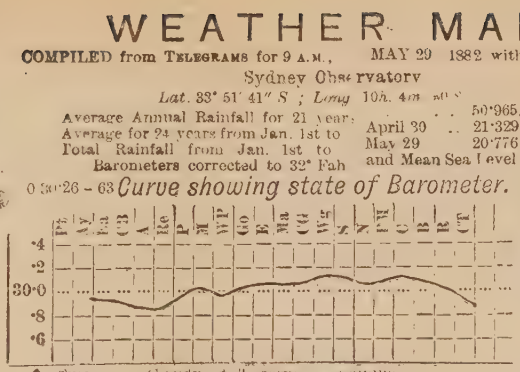
COMPILED from TELEGRAMS for 9 A.M., MAY 29 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S ; *Long* 10*h.* 4*m* [illegible] E

Average Annual Rainfall for 21 years . . 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 29 .. 20·776
Barometers corrected to 32° Fah and Mean Sea Level

0 30·26 – 63 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

Stations.	wt	m'x	mn	R'in
Casino	b	72	47	0
T'nt'rfield	b	62	29	0
Moree	b	67	50	0
Grafton	b	71	52	0
Gl'n Inn's	b	62	33	0
Inverell..	b	59	26	0
Bourke .	b	69	53	0·01
Narrabri.	b	80	31	0
Armidale.	b	55	—	0
Bendem'r	b	59	40	0
Gunned'h	b	63	33	0
C'n'mble .	b	66	38	0
Tamw'rth	b	66	33	0
Coonab'n.	b	60	31	0
F.M'cqrie	b	68	49	0
W'lcannia	o	60	51	0
Murr'ndi	b	59	37	0
Cassilis ..	n	60	34	0
Mus'br'ok	b	67	35	0
Dubbo ..	b	63	42	0
Menindie	g	70	53	0
Mudgee..	n	73	36	0
Maitland	b	63	42	0
Hill End .	b	—	—	0
Newcast'e	b	68	46	0
Orange ..	n	53	34	0
Bathurst	f	61	29	0
23 51 Forbs	b	57	35	0
M.Vict'ria	b	52	41	0
Cond'b'in	b	44	34	0
Picton. ..	c	63	35	0
Carcoar..	b	53	38	0
Wentw'th	p	71	51	0·19
Young ..	n	67	41	0
Woll'g'ng	b	84	46	0
Hay.....	o	71	46	0
Moss Vale	u	55	33	0
Euston ..	b	72	63	0
Goulburn	b	59	30	0
Wagga ..	g	60	35	0
Cape Geo.	b	64	38	0
Queanb'n	n	55	34	0
Deniliq'n	o	62	42	0
Moruya ..	b	64	43	0
Kiandra	o	41	18	0

Alb'ry	b	64	35	0
B'd'lla	n	68	32	0
Cooma	n	67	25	0
Eden	b	59	45	0
Gabo	-	-	—	—

FINE GENERALLY
SYDNEY b 63 48 Rain 0·000

28 30·02 F 61
14 30·08 F 54
14 30·12 F 48
0 30·07 R 44

WIND SCALE.
1-3-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

B 3 60
C 28 61
PM 14 54
N 3 55
S 10 51
W 0 54
CG 14 53
Ma 14 45
E 14 49
18 57
WP 13 60
58 A
55
53 R
52 M
CO
Ge

Barometers risen about 0·08 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

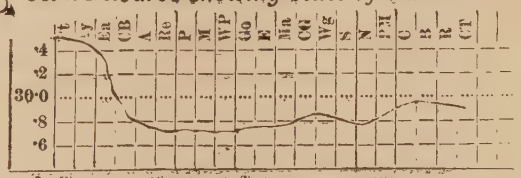
COMPILED from TELEGRAMS for 9 A.M., MAY 30 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·8*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·329
Total Rainfall from Jan. 1st to May 30 20·884
Barometers corrected to 32° Fah and Mean Sea Level

3 30·33 R 66 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	p	v	n	r'n
Ca-ino ..	p	77	49	0	0·08
T'nt'rfield	d	68	48	0	0·22
Morce ..	r	76	57		0
Grafton..	r	78	55	0	0·03
Gl'n Inn's	r	66	48		0
Inverell..	o	63	37		0
Bourke ..	r	69	59	0	0·44
Narrabri.	p	82	52	1	1·40
Armidale.	r	57	—		0·21
Bendem'r	r	63	44	0	0·15
Gunned'h	r	75	43		0
C'n'mble..	r	65	53	0	0·52
Tamw'rth	o	71	39	0	0·10
Coonab'n.	r	65	40	0	0·73
F.M'cqrie	r	69	54		0·03
W'lcannia	o	65	56	0	0·47
Murr'ndi	r	58	41	0	0·14
Cassilis ..	r	61	43	0	0·33
Mus'br'ok	r	66	41	0	0·11
Dubbo ..	r	63	41	0	0·73
Menindie	p	79	53	0	0·23
Mudgee..	r	73	48	0	0·25
Maitland	r	64	45	0	0·15
Hill End .	r	—	—		0·23
Newcast'e	r	69	53	0	0·04
Orange ..	r	53	36		0
Bathurst	r	59	33	0	0·22
34 57					
Forbs	r	58	34	0	0·56
M.Vict'ria	r	53	45	0	0·20
Cond'b'in	r	52	36		0
Picton..	r	62	37	0	0·13
Carcoar..	r	53	44	0	0·16
Wentw'th	o	62	53	0	0·18
Young ..	r	71	47	0	0·24
Woll'g'ng	r	65	37	0	0·06
Hay.....	r	71	53	0	0·17
Moss Vale	r	55	37	0	0·15
Euston ..	o	93	55		0
Goulburn	r	64	45	0	0·14
Wagga ..	r	57	41	0	0·43
Cape Geo.	r	64	50		0
Queanb'n	r	53	38	0	0·10
Deniliq'n	p	63	48	0	0·23
Moruya..	p	64	44		0
Kiandra	r	47	7		0

Alb'ry	r	65	40	0·34
B'd'lla	o	60	38	0
Cooma	r	64	31	0·02
Eden	o	59	52	0
Gabo	-	-	—	—

CLOUDY GENERALLY
SYDNEY r 63 52 Rain 0·108

14 29·32 F 63
28 29·32 F 53
14 30·03 F 53
0 29·77 F 50

B 8 74
C 14 58
PM 14 58
N 14 56
S 3 52
Wg 14 55
CG 28 58
Ma 14 50
E 14 54
Go
WP 13 55
M
CO
P 28 56
Re
A 48 52
L 8 51
Ly 3 52
Ea 0 52
CB 3 52
R 3 71

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·22.
For notes to 3 p.m. see unde shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., MAY 31 1882 with NOTES to 2 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 81 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to April 30 .. 21·320
Total Rainfall from Jan. 1st to May 31 21·529
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	M'x'm	M'n	R'in
Casino ..	b	70	56	0·06
T'nt'rfield	g	55	41	0·06
Moree ..	g	61	49	1·03
Grafton..	b	68	58	0·11
Gl'n Inn's	r	66	40	1·33
Inverell..	r	61	30	0
Bourke ..	q	65	54	0
Narrabri:	g	64	46	1·15
Armidale.	r	57	—	0·60
Bendem'r	r	55	39	1·37
Gunned'h	-	74	35	1·30
C'a'mble..	-	—	—	—
Tamw'rth	r	61	46	0·86
Coonab'n.	-	—	—	—
P.M'cqrie	b	65	55	0·12
W'lcannia	b	60	46	0
Murr'ndi	r	60	41	2·10
Cassilis ..	p	63	45	0·90
Mus'br'ok	g	60	50	1·02
Dubbo ..	o	63	42	1·82
Menindie	b	59	46	0
Mudgee..	p	57	47	1·22
Maitland	g	62	52	0·48
Hill End .	r	—	—	2·51
Newcast'e	b	67	54	0·40
Orange ..	r	57	43	1·58
Bathurst	g	52	45	0·90
18 57				
Forbs	r	57	34	0
M.Vict'ria	p	50	43	0·92
Cond'b'in	r	49	41	1·56
Picton. ..	g	53	48	0·68
Carcoar..	r	52	46	1·10
Wentw'th	b	62	45	0·09
Young .	r	62	46	0·60
Woll'g'ng	o	61	50	0·57
Hay.....	o	68	47	0·44
Moss Vale	r	64	43	0·62
Euston ..	b	61	52	0·43
Goulburn	r	52	45	1·16
Wa[illegible]	g	48	43	0·80
Cape Co[illegible]	r	57	43	0·77
Queanb'n	g	50	46	0·40
Deniliq'n	b	62	44	0·36
Mornya..	p	64	44	0·65
Kiandra	r	50	15	0

Alb'ry	o	53	44	0·12
B'd'lla	r	50	47	0·91
Cooma	p	49	40	0·50
Eden	r	60	51	2·20
Gabo	-	-	-	-

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND M'n Scale.
13-Li't breeze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY GENERALLY
SYDNEY r 58 47 Rain 0·645

23 30·50 R 46
56 29·87 R 55
56 30·12 R 47
14 29·79 F 49
0 29·62 F 53

Barometers fallen about 0·25.
For notes to 3 p.m. see unde shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 1 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 1 21·636
Barometers corrected to 32° Fah and Mean Sea Level

13 30·50 R 49 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·06 R 49

CLOUDY GENERALLY
SYDNEY o 58 4 Rain 0·093

28 30·30 R 48

13 55 A — 30·18R45 0 29·9 R 41

40 50 23 53 Re 8 55 P 53 M Co 18 54 WP 18 49 Wg 42 48 CG 42 48 Ma 14 48 E 42 50 PM 42 62 N 3 56 S 14 50 B 23 53 S 42 56 R 3 58

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
S

Barometers risen about 0·35.
For notes to 3 p.m. see unde shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	m'n	R'in
Casino ..	b	67	43	0
T'nt'rfield	g	46	40	0·13
Moree ..	b	57	47	0·04
Grafton..	b	70	46	0
Gl'n Inn's	g	65	39	0·33
Inverell..	o	69	52	0
Bourke ..	g	60	47	0
Narrabri.	g	58	45	0·20
Armidale.	g	47	—	0·32
Bendem'r	d	48	29	0·90
Gunned'h	-	—	—	—
C'n'mble.	o	55	42	0·01
Tamw'rth	o	53	31	0·09
Coonab'n.	o	55	41	0·11
F.M'cqrie	b	64	56	0
W'lcannia	o	55	46	0
Murr'ndi	b	52	42	0·46
Cassilis ..	b	50	42	0·15
Mus'br'ok	b	66	43	0
Dubbo ..	b	55	45	0·08
Menindie	b	58	47	0
Mudgee..	b	55	38	0·10
Maitland	b	62	45	0
Hill End .	b	—	—	0·22
Newcast'e	b	69	46	0
Orange ..	o	47	32	0·06
Bathurst	b	49	31	0·10
0 57				
Forbs	b	50	33	0·25
M.Vict'ria	n	49	34	0·12
Cond'b'in	b	45	34	0
Picton. ..	b	58	42	0
Carcoar..	n	48	37	0·42
Wentw'th	g	56	45	0
Young ..	n	58	34	0·08
Woll'g'ng	-	—	—	—
Hay.....	b	71	41	0·08
Moss Vale	b	49	34	0·14
Euston ..	b	61	45	0
Goulburn	b	50	34	0·02
Wagga ..	n	50	28	0
Cape Geo.	o	54	37	0·35
Queanb'n	n	49	34	0
Deniliq'n	o	55	38	0
Moruya..	b	65	57	0
Kiandra	o	51	15	0

Alb'ry	b	57	29	0
B'd'lla.	b	5	41	0
Cooma	o	4	23	0·10
Eden	o	55	46	0·84
Gabo	-	-	—	—

WEATHER MAP.

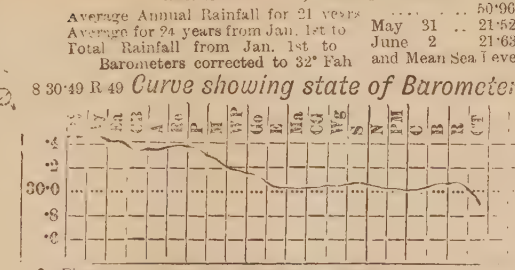
COMPILED from TELEGRAMS for 9 A.M., JUNE 2 1882 with NOTES to 2 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; Long. 10h. 4m. 7s.

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 2 .. 21·636
Barometers corrected to 32° Fah and Mean Sea Level

8 30·49 R 49 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

0 30·12 R 48

CLOUDY GENERALLY
SYDNEY 0 56 49 Rain 0·000

28 30·37 R 50

0 30·24 R 38

14 30·12 R 41

49

WIND SCALE.
1-Lt'e brze
2-Mod. ,,
4-Fresh ,,
6-Stg gale
6-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·11.
For notes to 3 p.m. see unde shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt'r	k'ds	rain
Casino ..	b	70 32	0
Tm'rfield	n	48 26	0·04
Moree ..	g	57 45	0
Grafton	o	72 46	0
Gl'n Inn's	b	66 28	0
Inverell ..	o	57 24	0
Bourke ..	g	60 46	0
Narrabri ..	g	60 42	0
Armidale.	g	46 –	0·02
Bendem'r	o	59 24	0
Gunned'h	o	70 36	0
C'n'mble ..	o	60 44	0
Tamw'rth	o	55 35	0·02
Coonab'n.	g	53 38	0
F.M'cqrie	b	63 44	0
W'leannia	b	55 41	0
Murr'ndi	o	51 36	0
Cassilis ..	g	54 47	0
Mus'br'ok	b	60 39	0
Dubbo ..	b	55 45	0
Menindie	b	59 50	0
Mudgee ..	b	61 43	0
Maitland	b	59 46	0
Hill End ..	b	– –	0
Newcast'e	b	67 43	0
Orange ..	–	– –	—
Bathurst	g	52 33	0
0 54 Forbes	–	— —	—
M.Vict'ria	o	45 41	0
Cond'b'in	–	— —	—
Picton. ..	p	56 42	0
Carcoar..	g	45 38	0
Wentw'th	b	59 46	0
Young ..	n	74 39	0
Woll'g'ng	o	60 59	0
Hay.....	n	71 36	0
Moss Vale	r	48 38	0
Euston ..	b	62 39	0
Goulburn	g	44 42	0
Wagga ..	n	33 18	0
Cape Geo.	o	6 37	0·25
Queanb'n	g	48 36	0
Deniliq'n	n	55 39	0
Moruya ..	g	59 48	0
Kiandra	n	50 10	0
All'ry	b	60 28	0
B'd'lla	g	56 46	0
Cooma	g	46 34	0·07
Eden	g	54 48	0·01
Gabo	–	– –	—

WEATHER MAP.

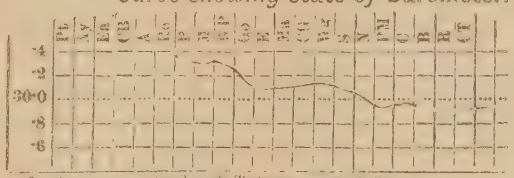
COMPILED from TELEGRAMS for 9 A.M., JUNE 3, 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h 4m 50s E.

Average Annual Rainfall for 21 years ... 50·905
Average for 24 years from Jan. 1st to May 31 ... 21·529
Total Rainfall from Jan. 1st to June 3 ... 21·699
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.

If it is CALM the symbol is used without the arrow.

sea smooth, heavy, very heavy.

Stations.	wt	Max.	Var.	Rain
Casino ..	b	65 57		0
Tent'rfield	n	49 59		0
Moree ..	b	62 35		0
Grafton ..	b	72 46		0
Gl'n Inn's	b	66 29		0
Inverell ..	b	58 29		0
Bourke ..	b	69 43		0
Narrabri	g	68 37		0
Armidale.	b	56 —		0
Bendem'r	g	52 40		0
Gunned'h	o	62 36		0
C'n'mble.	b	75 46		0
Tamw'rth	b	—		—
Coonab'n.	b	65 38		0
T. M'cqrie	p	68 47		0·04
W'lcannia	b	69 46		0
Murr'ndi	o	52 39		0
Cassilis ..	g	69 54		0
Mus'br'ok	g	60 40		0
Dubbo ..	b	55 48		0
Menindie	b	59 50		0
Mudgee..	b	68 46		0
Maitland	g	61 45		0
Hill End	b	—		0
Newcastle	o	66 42		0·12
Orange ..	o	46 37		0·63
Bathurst	b	50 32		0
Forbes	b	58 37		0
M. Victoria	g	43 39		0
Cond'b'in	b	41 30		0
Picton...	b	56 48		0
Carcoar..	b	49 37		0
Wentw'th	b	69 44		0
Young ..	n	62 37		0
Woll'g'ng	o	73 59		0
Hay.....	—	—		—
Moss Vale	o	47 40		0·10
Euston...	b	65 40		0
Goulburn	g	56 34		0·01
Wagga ..	b	55 21		0
Cape Geo.	o	63 42		0·54
Queanb'n	b	50 34		0
Deniliq'n	b	55 37		0
Morwya ..	g	60 54		0
Riandra	o	54 33		0

Alb'ry	67	51	0
B'dilla	58	43	0·06
Cooma	50	38	0·03
Eden	57	59	0·37
Gabo	—	—	—

CLOUDY GENERALLY

Sydney 56 48 Rain 0·054

28 30·33 R 49

14 30·31 R 42

0 29·71 F 50

Barometers risen about 0·07.

For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.
GOVERNMENT ASTRONOMER.

WEATHER.
a-Blue sky
b-Scattered cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing shower
q-Squally
r-Rain
s-Thunder
w-Threatening

WIND SCALE.
13-Li't breeze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL.
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 5, 1882 with NOTES to 3 P.M.

Sydney Observatory

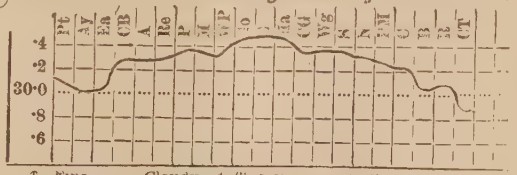
Lat. 33° 51′ 41″ S.; *Long.* 10½ 49m [illegible] E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 5 22·200
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	u	72	55	0
F'nt'rfield	n	60	31	0
Moree ..	b	76	61	0
Grafton..	o	73	50	0
Gl'n Inn's	b	67	39	0
Inverell..	b	42	30	0
Bourke ..	b	65	44	0
Narrabri.	b	75	46	0
Armidale.	b	54	—	0
Bendem'r	b	57	41	0
Gunned'h	b	70	40	0
C'n'mble .	–	60	39	—
Tamw'rth	–	—	—	—
Coonab'n.	b	63	33	0
E.M'cqrie	q	62	53	1·10
W'lcannia	b	55	46	0
Murr'ndi	o	56	45	0
Cassilis ..	b	57	49	0
Mus'br'ok	b	63	46	0
Dubbo ..	b	62	46	0
Menindie	b	60	39	0
Mudgee..	b	72	44	0
Maitland	g	62	49	0·07
Hill End .	b	—	—	0
Newcast'e	p	67	49	0·35
Orange ..	b	53	39	0
Bathurst	b	56	42	0
23 53				
Forbes	b	52	38	0
M.Vict'ria	p	46	40	0·27
Cond'b'in	b	46	30	0
Picton. ..	b	59	41	0
Carcoar..	n	54	40	0
Wentw'th	b	62	38	0
Young ..	b	74	42	0
Woll'g'ng	–	—	—	—
Hay.....	b	70	36	0
Moss Vale	r	49	42	0·20
Euston ..	b	70	40	0
Goulburn	b	55	40	0
Wagga ..	b	56	21	0
Cape Geo.	o	66	42	1·21
Queanb'n	n	53	36	0
Deniliq'n	b	59	37	0
Moruya ..	g	62	46	0
Kiamdra	n	52	11	0

Alb'ry	b	65	31	0
B'd'lla	g	60	38	0
Cooma	o	51	35	0·08
Eden	u	49	47	0·02
Gabo	–	–	—	—

0 30·40 R 66 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·23 R 52

FINE GENERALLY
SYDNEY u 58 50 Rain 0·289

14 30·41 R 45

0 30·41 R 42

14 30·32 R 44

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 0·22.
For notes to 3 p.m. see unde shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 6, 1892 with Notes to 9 p.m.

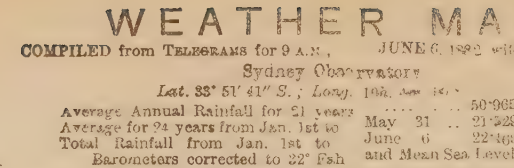
Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 50·9 E.

Average Annual Rainfall for 21 years .. .. .. 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 6 .. 22·468
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x'm	R'in.
Casino ..	–	—	—
T'nt'rfield	–	—	—
Moree ..	b	73 45	0
Grafton..	–	—	—
Gl'n Inn's	n	65 33	0
Inverell..	b	62 25	0
Bourke ..	b	66 48	0
Narrabri:	b	80 43	0
Armidale.	f	53 —	0
Bendem'r	b	59 32	0
Gunned'h	b	70 39	0
C'n'mble.	b	63 42	0
Tamw'rth	n	49 32	0
Coonab'n.	b	61 31	0
P.M'cqrie	b	64 48	0
W'lcannia	b	60 51	0
Murr'ndi	b	55 35	0
Cassilis ..	b	52 32	0
Mus'br'ok	g	62 38	0
Dubbo ..	b	62 43	0
Menindie	b	64 43	0
Mudgee..	b	64 40	0
Maitland	b	61 46	0
Hill End .	b	— —	0
Newcast'e	b	67 46	0·04
Orange ..	b	51 35	0
Bathurst	b	54 30	0
Forbes	b	42 39	0
M. Vict'ria	g	44 38	0·08
Cond'b'in	b	44 30	0
Picton. ..	o	57 30	0
Carcoar..	b	52 41	0
Wentw'th	g	74 44	0
Young ..	b	70 41	0
Woll'g'ng	o	61 47	0
Hay.....	–	— —	0
Moss Vale	o	49 41	0·13
Euston ..	b	70 42	0
Goulburn	g	51 40	0·02
Wagga ..	b	56 22	0
Cape Geo.	p	61 41	0·76
Queanb'n	n	50 37	0
Deniliq'n	b	59 38	0
Moruya ..	b	61 46	0·10
Kiamdra	n	51 10	0
Alb'ry	n	69 30	0
B'd'lla	b	59 39	0
Cooma	n	56 26	0
Eden	b	57 44	0·05
Gabo	–	— —	—

0 30·34 R 49 *Curve showing state of Barometer.*



Fine, Cloudy, T.storm, Raining.
wind N. and E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·11 F 53

FINE GENERALLY
SYDNEY d 59 48 Rain 0·269

14 30·24 F 48

14 30·29F 56

14 30·24 F 40

WIND SCALE.

WEATHER.
b-Blue sky.
c-Scatter'd Cloud.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

TIME BALL
Drops at 1 p.m. S.M.T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9° 35′ 30″ E

Barometers fallen about 0·10.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

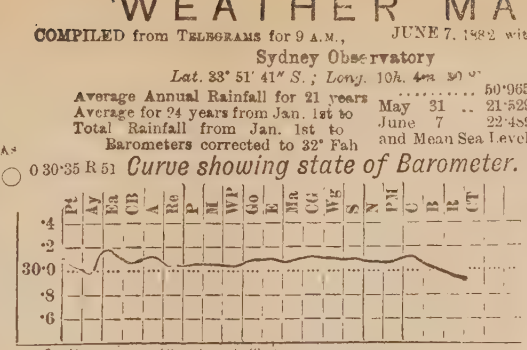
COMPILED from TELEGRAMS for 9 A.M., JUNE 7, 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·9*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 7 .. 22·489
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Vn	R'in	
Casino ..	b	73	41	0	
T'nt'rfield	b	62	39	0	
Moree ..	g	63	46	0	
Grafton..	b	72	51	0	
Gl'n Inn's	b	66	41	0	
Inverell..	b	60	30	0	
Bourke ..	g	70	54	0·85	
Narrabri:	g	80	45	0	
Armidale:	b	52	—	0	
Bendem'r	g	59	33	0	
Gunned'h	o	71	31	0·02	
C'n'mble .	b	65	48	0	
Tamw'rth	o	68	36	0	
Coonab'n.	r	63	33	0·08	
P.M'cqrie	b	61	50	2·02	
W'lcannia	o	55	41	0	
Murr'ndi	b	55	35	0	
Cassilis ..	b	54	39	0	
Mus'br'ok	g	61	40	0	
Dubbo ..	r	63	44	0·11	
Menindie	b	65	45	0	
Mudgee..	g	74	43	0	
Maitland	f	60	47	0	
Hill End .	o	—	—	0	
Newcast'e	b	64	45	0	
Orange ..	o	52	37	0·03	
Bathurst	g	60	34	0	
0 45 Forbs	g	56	39	0	
M.Vict'ria	g	48	37	0·10	
Cond'b'in	g	44	35	0	
Picton. ..	g	58	34	0	
Carcoar..	g	40	36	0	
Wentw'th	b	68	43	0·05	
Young ..	g	79	40	0	
Woll'g'ng	b	59	49	0	
Hay.....	o	69	45	0	
Moss Vale	f	50	40	0·03	
Euston ..	b	62	43	0·16	
Goulburn	b	52	39	0	
Wagga ..	b	66	22	0	
Cape Geo.	b	58	36	0·49	Alb'ry n 60 31 0
Queanb'n	o	50	40	0	B'd'lla r 65 44 0·65
Deniliq'n	o	57	39	0	Cooma o 57 27 0
Moruya ..	g	60	47	0·06	Eden p 57 47 0·17
Kiamdra	n	52	11	0	Gabo - - — —



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

FINE GENERALLY
SYDNEY c 58 45 Rain 0·020

14 29·98 F 54
14 30·19 F 55
14 30·08 F 40
0 30·24 F 48 0
0 30·35 R 51

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
46-Strg gale
55-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9° 35′ 30″ E

Barometers fallen about 0·11.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 8, 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 50 s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 8 .. 22·519
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	m'n	R'in
Casino ..	–	—	—	—
T'nt'rfield	r	55	45	0·85
Moree ..	g	59	53	1·35
Grafton ..	r	71	50	0·06
Gl'n Inn's	r	61	36	0·08
Inverell ..	r	60	50	07·0
Bourke ..	b	73	49	0
Narrabri ..	g	80	42	0·90
Armidale.	r	52	—	0·13
Bendem'r	r	55	38	0·53
Gunned'h	o	64	33	0·75
C'n'mble .	o	52	43	0·70
Tamw'rth	o	61	45	0·12
Coonab'n.	g	53	44	0·79
P. M'cqrie	o	66	52	0
W'lcannia	b	60	41	0·16
Murr'ndi	r	54	38	0·55
Cassilis ..	r	50	47	0·47
Mus'br'ok	r	64	35	0·32
Dubbo ..	b	62	41	0·83
Menindie	b	68	44	0
Mudgee ..	g	59	45	0·73
Maitland	g	60	50	0·27
Hill End .	o	—	—	1·16
Newcast'e	o	63	52	0·02
Orange ..	b	51	40	0·75
Bathurst	g	44	38	0·75
Forbs	b	57	40	0·09
M. Vict'ria	o	49	40	0·70
Cond'b'in	b	43	33	0
Picton. ..	g	56	38	0·18
Carcoar ..	b	70	44	0·51
Wentw'th	f	66	38	0
Young ..	b	73	40	0
Woll'g'ng	p	63	49	0·05
Hay	b	68	39	0
Moss Vale	g	53	42	0
Euston ..	b	72	41	0
Goulburn	b	54	38	0
Wagga ..	b	54	20	0
Cape Geo.	o	60	43	0
Queanb'n	b	50	38	0
Deniliq'n	b	40	35	0
[illegible]	r	64	46	0·14
[illegible]	n	62	7	0
Alb'ry	b	62	30	0
B'd'lla	p	62	31	0·03
Cooma	n	57	32	0
Eden	u	57	47	0·27
Gabo	-	-	—	—

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy . very heavy.

0 30·17 F 49

28 30·12 R 55

CLOUDY GENERALLY
SYDNEY g 58 47 Rain 0·030

14 30·33 R 41

0 53 A 0 30·30 R 48 D

T8 56

14 30·11 R 41

13 51 Re

0 50 P 3 44 M

8 53 CO

0 54 WP Ge

28 60 C

PM 14 56

N 5 44

S 11 53

Wg 14 56

CG 42 53

Ma 28 47

E 14 49

65 R

W E S

Barometers fallen about 0·07 on E. coast. For notes to 3 p.m. see unde shipping news.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
n-[illegible]
o-[illegible]
r-[illegible]
s-[illegible]
t-[illegible]
u-[illegible]
v-[illegible]
w-[illegible]

WIND SCALE.
13-Li't brse
23-Mod. ,,
34-Fresh ,,
55-Strg gale
65-Whole ,,

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

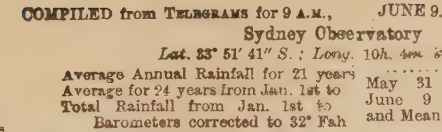
COMPILED from TELEGRAMS for 9 A.M., JUNE 9, 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 9 .. 26·321
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·15 R 53

FINE GENERALLY
SYDNEY p 60 54 Rain 3·802

14 30·43 R 43

0 30·35 R 41

0 30·49 S 48

Stations.	wt	m'x	mn	r'in
Casino ..	g	58	49	0·15
T'nt'rfield	-	—	—	—
Moree ..	-	—	—	—
Grafton ..	r	78	57	1·30
Gl'n Inn's	-	—	—	—
Inverell ..	-	—	—	—
Bourke ..	b	73	46	0
Narrabri :		—	—	—
Armidale:		—	—	1·07
Bendem'r		—	—	0·52
Gunned'h	g	63	32	0·05
C'n'mble .		—	—	—
Tamw'rth		—	—	—
Coonab'n.		56	42	0
P.M'cqrie	q	63	53	4·60
W'lcannia	b	65	41	0
Murr'ndi		—	—	—
Cassilis ..	p	55	41	0·18
Mus'br'ok		—	—	—
Dubbo ...	b	60	44	0
Menindie	b	69	43	.0
Mudgee..	g	69	49	0
Maitland		—	—	—
Hill End .	g	—	—	0
Newcast'e	o	65	45	0·99
Orange ..	g	53	40	0
Bathurst	g	51	41	0
13 53 Forbs	b	61	39	0
M.Vict'ria	r	46	41	0
Cond'b'in	b	50	34	0
Picton. ..	o	59	48	1·34
Carcoar..	g	52	45	0
Wentw'th	b	65	38	0
Young ..	b	75	46	0
Woll'g'ng	o	66	57	1·66
Hay.....	b	67	33	0
Moss Vale	r	48	44	0·83
Euston ..	b	67	41	0
Goulburn	g	51	44	0·01
Wagga ..	b	57	20	0
Cape Geo.	o	58	44	0·59
Queanb'n	g	51	31	0·05
Deniliq'n	b	61	53	0
Moruya..	g	58	47	0·50
Kiandra	n	55	10	0

Alb'ry	-	—	—	—
B'd'lla	r	68	45	1·07
Cooma	o	58	35	0·02
Eden	o	50	48	0·10
Gabo	-	—	—	—

WEATHER
b-Blue sky.
c-Scattered
d-Drizzling
f-Fog
g-Gloomy.
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
MI's
13-Li't breeze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. Sydney M.T.
or 2h.55m.9·19s. p.m.
Greenwich Mn. T.
MAG. VAR. 9°35′30″ E

Barometers rise about 0·17 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRON.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 10, 1882 with NOTES to 2 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m 50·965s.

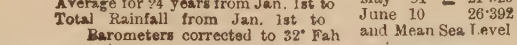
Average Annual Rainfall for 21 years — — 21·529

Average for 24 years from Jan. 1st to May 31 — 26·392

Total Rainfall from Jan. 1st to June 10 and Mean Sea Level

Barometers corrected to 32° Fah

0 30·38 F 46 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

Stations.	wt	m'x	m'n	R'in
Casino ..	b	62	54	0·54
T'nt'rfield	b	57	44	0·11
Moree ..	b	61	47	0·01
Grafton..	b	63	51	1·45
Gl'n Inn's	b	55	41	0
Inverell..	b	62	31	0
Bourke ..	b	65	48	0
Narrabri.	b	73	44	0
Armidale.	o	50	—	0·15
Bendem'r	g	58	33	0
Gunned'h	b	62	43	0
C'n'mbie.	b	—	—	0
Tamw'rth	b	64	44	0
Coonab'n.	b	62	43	0
P.M'cqrie	p	64	56	0·48
W'lcannia	c	60	46	0
Murr'ndi	r	52	45	0·25
Cassilis ..	u	56	47	0
Mus'br'ok	g	63	46	0·06
Dubbo ..	b	62	41	0
Menindie	b	67	43	0
Mudgee..	g	60	48	0
Maitland	b	65	54	0·07
Hill End .	g	—	—	0
Newcast'e	b	63	47	0
Orange ..	b	53	40	0
Bathurst	b	53	42	0
18 52 Forbs	b	62	44	0
M.Vict'ria	p	45	41	0·30
Cond'b'in	b	43	33	0
Picton. ..	g	57	40	0·02
Carcoar..	b	54	44	0
Wentw'th	b	66	39	0
Young ..	n	70	40	0
Woll'g'ng	b	60	51	0
Hay.....	b	69	41	0
Moss Vale	b	50	39	0·05
Euston ..	b	68	43	0
Goulburn	b	54	37	0
Wagga ..	b	58	20	0
Cape Geo.	b	59	44	0
Queanb'n	g	54	38	0
Deniliq'n	b	61	36	0
Moruya ..	g	61	49	0
Kiandra	r	50	15	0

Alb'ry	b	65	30	0
B'd'lla	b	62	31	0·01
Cooma	n	60	25	0
Eden	b	59	45	0
Gabo	-	—	—	—

FINE GENERALLY

SYDNEY c 61 52 Rain 0·071

14 30·17 R 53

28 30·33 F 48

0 30·34 S 44

14 30·30 — 40

8 50 A 13 57 23 47 Re 8 43 P 3 45 M 8 50 CO 3 58 WP Go E 14 48 Ma 14 51 CG 28 44 Wg 28 55 S 3 52 N 7 62 PM 14 55 C 59 B 3 60 R 3 58

WIND SCALE.

11-Li't brze
22-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.

b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL

Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

W — E

S

Barometers risen about 0·06 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M. June 12 1882 with NOTES to 3 P.M.

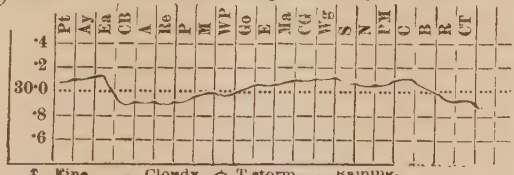
Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 20 8′ .

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 12 .. 26·392
Barometers corrected to 32° Fah and Mean Sea Level

0 30·36 R 51

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29·91 F 55

FINE GENERALLY
SYDNEY g 59 46 Rain 0·000

28 30·06 F 51

0 30·07 F 43

Stations.	wt	m'x	m'n	r'in
Casino ..	o	72	47	0·03
T'nt'rfield	r	61	45	0·20
Moree ..	g	48	23	0·22
Grafton..	o	51	—	0
Gl'n Inn's	r	81	33	0·28
Inverell..	-	—	—	—
Bourke ..	r	67	54	0·19
Narrabri:	p	81	43	0·17
Armidale.	r	54	—	0·20
Bendem'r	r	58	34	0·05
Gunned'h	g	72	40	0·08
C'n'mble.	r	—	—	0
Tamw'rth	o	67	43	0·08
Coonab'n.	r	64	39	0·09
F.M'cqrie	g	65	49	0
W'lcannia	o	60	46	0·22
Murr'ndi	b	58	37	0
Cassilis ..	g	53	45	0
Mus'br'ok	f	64	40	0
Dubbo ...	g	62	43	0
Menindie	p	67	51	0·09
Mudgee...	o	73	49	0
Maitland	g	62	47	0·15
Hill End .	g	—	—	0
Newcast'e	g	67	50	0
Orange ..	g	52	36	0
Bathurst	g	59	30	0
8 50 Forbs	g	60	38	0
M.Victoria	g	49	33	0
Cond'b'in	g	43	31	0
Picton. ...	p	55	35	0
Carcoar...	b	52	36	0
Wentw'th	b	70	49	0·48
Young ...	b	79	39	0
Woll'g'ng	b	64	46	0
Hay.....	o	63	47	0·09
Moss Vale	b	51	36	0·03
Euston ..	-	—	—	—
Goulburn	f	58	34	0
Wagga ...	b	52	19	0
Cape Geo.	c	61	37	0
Queanb'n	g	53	33	0
Deniliq'n	-	—	—	—
Merwya ..	b	51	41	0
Kiandra	n	49	-1	0
Alb'ry	n	61	28	0
B'd'lla	n	62	31	0
Cooma	b	55	26	0
Eden	b	55	40	0
Gabo	-	—	—	—

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
46-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·17 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., JUNE 13 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 13 26·667
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	64	41	0·24
T'nt'rfield	b	53	43	0·65
Moree ..	b	60	48	0·52
Grafton..	p	60	49	0·75
Gl'n Inn's	0	52	40	0·68
Inverell..	-	—	—	—
Bourke ..	o	64	47	0·07
Narrabri.	o	65	45	0·28
Armidale.	o	53	—	0·59
Bendem'r	b	54	33	0·70
Gunned'h	p	73	39	0·78
C'n'mble .	o	52	42	0·91
Tamw'rth	b	58	40	0·67
Coonab'n.	o	52	46	0·71
P.M'cqrie	b	60	51	1·50
W'lcannia	o	60	46	0·24
Murr'ndi	o	54	39	0
Cassilis ..	b	51	44	0·38
Mus'br'ok	b	55	42	0·65
Dubbo ..	o	62	42	1·98
Menindie	o	57	56	0·50
Mudgee ..	o	58	46	0·45
Maitland	b	56	50	0·54
Hill End .	r	—	—	0·54
Newcast'e	b	67	48	0·56
Orange ..	r	49	40	0·58
Bathurst	o	49	32	0·15
0 51				
Forbes	r	61	39	0·14
M.Vict'ria	o	46	40	0·22
Cond'b'in	r	39	30	0
Picton. ..	b	54	36	0·28
Carcoar..	g	49	44	0·28
Wentw'th	b	57	50	0·44
Young ..	r	64	40	0·62
Woll'g'ng	b	61	45	0·53
Hay.....	r	62	49	0·93
Moss Vale	b	51	41	0·25
Euston ..	e	61	33	0
Goulburn	b	52	42	0·17
Wagga ..	r	55	33	0·45
Cape Geo.	b	59	45	0·39
Queanb'n	r	50	38	0·70
Deniliq'n	o	60	45	0
Moruya ..	g	60	43	1·40
Kiandra	r	65	1	0

	wt	M'x	Mn	R'in
Alb'ry	r	63	40	0·19
B'd'lla	r	58	34	2·42
Cooma	p	47	29	0·59
Eden	p	57	42	0·50
Gabo	-	-	—	—

Curve showing state of Barometer.

13 30·44 R 48

Pt Ay Ea CB A Re P M WP Go E Ma CG Ws S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29·89 F 51

CLOUDY GENERALLY
SYDNEY b 56 48 Rain 0·274

28 30·08 R 51

14 29·93 - 49

0 29·88 F 49

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
M'ls
13-Li't breze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·30 on E. coast. For note to 3 p.m. see unde shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

JUNE 14 1882 with Notes to 2 P.M.

COMPILED from TELEGRAMS for 9 A.M.,

Sydney Observatory

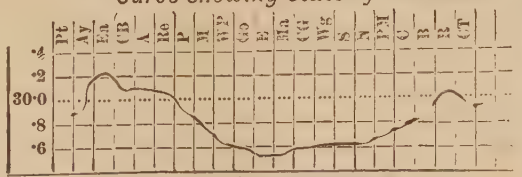
Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 50 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 14 .. 26·667
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x'm	R'in
Casino ..	b	72 44	0
T'nt'rfield	g	51 41	0
Moree ..	g	64 48	0
Grafton ..	b	71 51	0
Gl'n Inn's	o	51 40	0·13
Inverell ..	o	56 31	0·05
Bourke ..	b	63 47	0·06
Narrabri.	g	64 46	0·10
Armidale.	o	50 —	0
Bendem'r	r	53 31	0·60
Gunned'h	b	72 36	0·28
C'n'mble.	b	55 43	0·09
Tamw'rth	o	59 44	0·51
Coonab'n.	o	53 45	0·33
F.M'cqrie	b	66 47	0
W'lcannia	b	60 41	0
Murr'ndi	r	55 39	0·07
Cassilis ..	r	53 47	0·27
Mus'br'ok	b	61 47	0·02
Dubbo ..	o	70 43	0·46
Menindie	b	60 54	0
Mudgee..	p	51 45	0·25
Maitland	b	62 40	0
Hill End .	r	— —	1·05
Newcast'e	b	67 48	0
Orange ..	r	47 40	0·99
Bathurst	g	49 42	0·30
S 50			
Forbs	g	58 38	0·11
M.Vict'ria	g	45 40	0
Cond'b'in	b	47 33	0·06
Picton. ..	q	58 42	0
Carcoar..	r	50 44	0·80
Wentw'th	b	59 43	0
Young ..	p	65 45	0·50
Woll'g'ng	b	69 51	0
Hay.....	b	67 42	0·26
Moss Vale	g	51 41	0
Euston ..	b	63 42	0
Goulburn	g	53 46	0·05
Wagga ..	o	52 32	0·16
Cape Geo.	b	64 42	0
Queanb'n	g	51 43	0·03
Deniliq'n	b	62 37	0·05
Moruya ..	g	65 52	0
Kiandra	r	50 15	0

Alb'ry	b	54 42	0·05
B'd'lla	p	62 48	0·20
Cooma	o	49 36	0·06
Eden	o	53 47	1·02
Gabo	-	- -	-

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

28 30·02 R 51

CLOUDY GENERALLY
SYDNEY b 61 42 Rain 0·000

28 30·14 R 47

28 30 03R 42

28 29·74F 48

23 52 A

23 51

23 59 Re

34 49 P 13

46 M

34 50 CG

WP 28 51

Ma 28 55

E 42 53

CG 42 53

Wg 28 56

S 20 54

N 4 57

PM 14 53

S 28 57

B 3 59

R 3 53

W E S

Barometers fallen about 0 14 on E. coast. For notes to 3 p.m. see under shipping news.

WEATHER.

b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'ls	WIND SCALE.
13	Lt breeze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

H. C. RUSSELL
GOVERNMENT ASTRONOMER

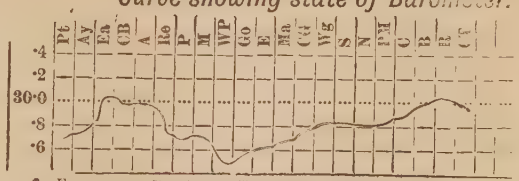
WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 15 1882 with Notes to 3 P.M.

Sydney Observatory
Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 36s.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 15 .. 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	M'x'm	R'in
Casino ..	b	68 36	0
T'nt'rfield	o	48 35	0
Moree ..	b	59 48	0·02
Grafton..	b	68 46	0
Gl'n Inn's	b	50 39	0·10
Inverell..	b	58 25	0
Bourke ..	b	64 41	0
Narrabri.	b	64 34	0
Armidale.	o	47 —	0·21
Bendem'r	g	47 26	0·24
Gunned'h	b	72 30	0·02
C'n'mble.	b	55 36	0
Tamw'rth	b	60 39	0·06
Coonab'n.	o	55 41	0·02
F.M'cqrie	b	65 46	0
W'lcannia	b	55 46	0
Murr'adi	b	82 39	0·15
Cassilis ..	o	53 47	0·05
Mus'br'ok	b	61 41	0
Dubbo ..	o	61 41	0
Menindie	b	61 43	0
Mudgee..	g	57 40	0·07
Maitland	b	63 44	0
Hill End.	p	— —	0·12
Newcast'e	b	66 44	0
Orange ..	o	43 36	0·22
Bathurst	g	41 34	0·10
8 52			
Forbes	b	59 39	0
M. Vict'ria	o	41 34	0
Cond'b'in	b	45 33	0
Picton. ..	b	57 45	0
Carcoar..	g	45 39	0·25
Wentw'th	b	56 40	0
Young ..	g	64 41	0·04
Woll'g'ng	b	69 45	0
Hay.....	g	66 37	0
Moss Vale	b	48 36	0
Euston ..	b	57 47	0
Goulburn	b	47 36	0
Wagga ..	g	52 22	0
Cape Geo.	b	58 35	0
Queanb'n	b	50 39	0
Deniliq'n	g	54 35	0·02
Morwya..	b	61 40	0
Kiandra	r	36 15	0

Alb'ry	r	56 36	0·10
B'd'lla	b	59 29	0
Cooma	n	50 28	0·09
Eden	b	55 45	0
Gabo	-	- —	—

CLOUDY GENERALLY
SYDNEY b 60 47 Rain 0·000

14 30·06 R 52
28 30·10 F 45
14 29·96F 43
0 29·85 R 42
23 55 A
23 52
23 54 Re
34 50 P
13 47 M
48 49 Co
WP 48 48 Go
R 3 52
B 3 57
B 28 51
PM 14 51
N 3 51
S 11 48
Wg 14 52
CG 42 46
Ma 14 46
E 14 45

WIND SCALE.
M'ls
13-Lt'r brze
23-Mod. ,,
34-Fresh ,,
55-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m, S.M.T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
S

Barometers risen about 0·12 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP

COMPILED from TELEGRAMS for 9 A.M., JUNE 16 1882 with NOTES to 3 P.M.

Sydney Observatory

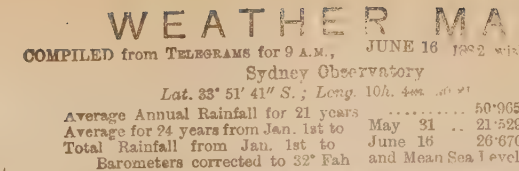
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 30*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 16 .. 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x'	M'n	R'in
Casino ..	b	68	36	0
T'nt'rfield	b	48	32	0
Moree ..	b	59	38	0
Grafton ..	b	66	43	0
Gl'n Inn's	g	45	35	0
Inverell ..	b	52	20	0
Bourke ..	b	64	45	0
Narrabri :	b	71	36	0
Armidale.	c	45	—	0
Bendem'r	b	47	23	0·01
Gunned'h	g	64	34	0
C'n'mble .	g	55	34	0
Tamw'rth	–	—	—	—
Coonab'n.	g	55	34	0
F. M'cqrie	c	63	43	0
W'lcannia	c	60	40	0
Murr'ndi	b	86	39	0
Cassilis ..	c	54	46	0
Mus'br'ok	g	58	43	0
Dubbo ..	b	61	42	0
Menindie	c	65	48	0
Mudgee..	g	57	43	0
Maitland	b	55	51	0
Hill End .	g	—	—	0·10
Newcast'e	b	67	44	0
Orange ..	p	46	37	0·40
Bathurst	g	48	30	0·15
0 55				
Forbs	p	58	40	0
M. Vict'ria	g	40	36	0
Cond'b'in	g	48	37	0
Picton. ..	b	54	45	0
Carcoar..	r	45	40	0·43
Wentw'th	g	60	45	0·05
Young ...	c	61	40	0·53
Woll'g'ng	b	68	42	0
Hay.....	c	63	42	0·44
Moss Vale	g	45	39	0·02
Euston ..	b	62	49	0
Goulburn	p	46	37	0·03
Wagga ..	p	49	28	0·03
Cape Geo.	b	59	40	0
Queanb'n	g	47	35	0
Deniliq'n	g	55	40	0·05
Moruya ..	b	63	44	0
Kiandra		44	11	0

	q	49	41	0·15
Alb'ry	–	–	–	–
B'd'lla	n	52	32	0
Cooma	b	59	42	0·11
Eden	–	–	–	–
Gabo				

8 30·18 F 52 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·01 F 53

CLOUDY GENERALLY
SYDNEY c 58 49 Rain 0·000

28 30·02 F 50

28 29·82 F 48

42 29·80 F 46

40 49 13 47 56 47 WP 48 15

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
Mil's
13-Li't brze
23-Mod. ..
34-Fresh ..
56-Strg gale
65-Whole ..

TIME BALL
(Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 55
B 14 54
PM 17 28 52
N 11 56
S 20 57
W 28 60
CG 42 57
Ma 14 55
E 28 46

W E S

Barometers fallen about 0·12 on E. coast. For note to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

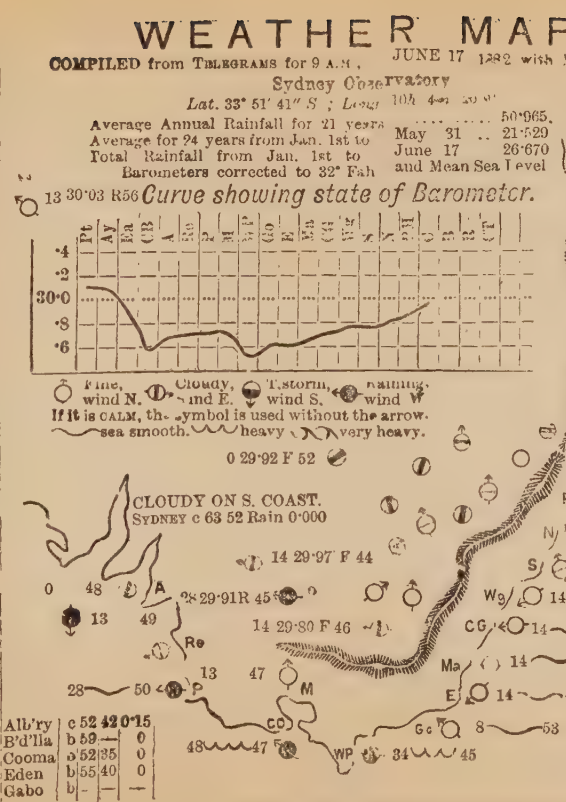
COMPILED from TELEGRAMS for 9 A.M., JUNE 17 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S* ; *Long.* 10h 4m 50·9s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 17 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x't	M'n	R'fall
Casino ..	c	70	47	0
Mt'rfield	b	51	32	0
Tree ..	g	63	44	0
.. tron ..	g	66	47	0
.. bm's'		48	36	0
.. ell ..	c	54	24	0
.. rke ..	g	64	50	0
.. ell ..	c	72	42	0
Braidale.	b	48	—	0
Tendem'r	g	51	29	0
Tunned'h	-	—	—	—
T'mble ..	c	—	—	—
Tamw'rth	-	—	—	—
Coonab'n.	b	56	40	0
T. M'cqrie	g	64	50	0
W'lcannia	g	60	45	0
Murr'mdi	g	53	41	0
Cassilis ..	c	74	43	0
Mus'br'ok	g	62	47	0
Dubbo ..	g	61	40	0
Menindie	g	60	45	0
Mudgee..	g	53	49	0
Maitland	b	60	55	0
Hill End ..	g	—	—	0·08
Newcast'e	b	68	45	0
Orange ..	g	45	40	0·13
Bathurst	g	44	38	0·10
.. 18 57				
.. Forbs	g	60	42	0·07
.. Vict'ria	g	43	39	0
.. mc b'in	g	46	35	0
.. Tom. ..	g	59	42	0
Carcoar..	r	48	43	0·38
Wentw'th	f	59	43	0
Young ..	g	59	44	●
Wollg'ng	c	66	45	0
Hay	b	48	43	0
Moss Vale	b	48	42	0
Euston ..	..	—	—	—
Goulburn	g	52	41	0
.. gga ..	g	52	27	0
Cape Geo.	b	65	42	0
.. n b'n	b	48	37	0
The Pilot'n	-	—	—	0
Montv'a..	b	65	44	0
Boat'ma	b	44	10	0



H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 19 1882 with Notes to 9 P.M.

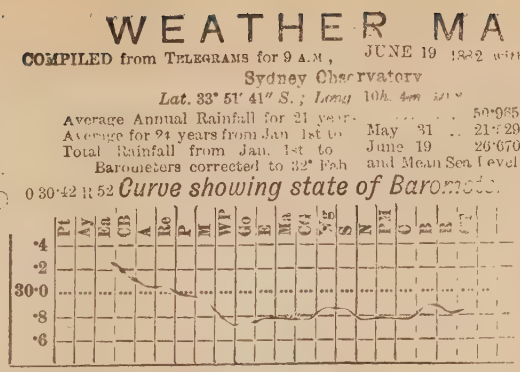
Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long* 10h. 4m. 52·1s.

Average Annual Rainfall for 21 years			50·065
Average for 24 years from Jan. 1st to	May 31	..	21·729
Total Rainfall from Jan. 1st to	June 19	..	26·670
Barometers corrected to 32° Fah	and Mean Sea Level		

Stations.	wt	m'x	v	R'in
Casino ..	b	66	41	0
T'nt'rfield	b	52	44	0·31
Moree ..	b	54	51	0·17
Grafton.	b	57	46	0·11
Gl'n Inn's	b	72	35	0·20
Inverell..	–	—	—	–
Bourke ..	b	64	48	0
Narrabri.	g	62	43	0·13
Armidale.	b	51	—	0·05
Bendem'r	g	54	32	0·25
Gunned'h	p	64	44	0·14
C'n'mble.	b	—	—	–
Tamw'rth	c	75	51	0·07
Coonab'n.	g	53	40	0·56
F.M'cqrie	b	60	50	0
W'lcannia	g	55	45	0
Murr'ndi	b	53	42	0
Cassilis ..	c	55	45	0·15
Mus'br'ok	b	65	45	0
Dubbo ..	g	59	39	0·33
Menindie	b	60	40	0
Mudgee..	b	60	41	0·30
Maitland	b	63	—	0
Hill End .	g	—	—	0·22
Newcast'e	b	66	46	0
Orange .	g	49	37	0·06
Bathurst	g	52	39	0·15
8 52				
Forbes	g	59	39	0
M.Vict'ria	b	47	34	0
Cond'b'in	–	—	—	–
Picton.	b	58	38	0
Carcoar..	g	48	40	0·24
Wentw'th	b	58	39	0 04
Young .	b	55	40	0·09
Woll'g'ng	b	66	46	0
Hay.....	b	62	51	0·06
Moss Vale	b	49	35	0
Euston ..	n	50	25	0
Goulburn	b	51	36	0
Wagga ..	b	55	22	0·09
Cape Geo.	b	44	35	0
Queanb'n	n	48	33	0
Deniliq'n	b	51	30	0
Moruya .	b	64	38	0
Kiandra	–	—	—	—

Alb'ry	f	55	31	0·10
B'd'lla	b	64	29	0
Cooma	b	55	25	0
Eden	b	56	41	0·15
Gabo	b	—	—	—



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. M'T's 13-Light breeze 23-Moderate 34-Fresh b.. 45-Whole ..

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·10s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

0 29·97 R 53
CLOUDY ON S. COAST.
SYDNEY b 61 48 Rain 0·000
28 30·18 R 42
0 30·02 R 36
0 29·83 F 40
8 48 A 18 49 23 56 Re 28 50 P 13 45 M CO 23 49 WP 31 52 Ma 14 51 E 14 46 Go 18 51 CG 42 48 Wg 54 52 S 16 51 N 23 56 PM 14 54 C 28 55 B 3 58 R 8 73

Barometers risen about 0·10 on S. coast. For note to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

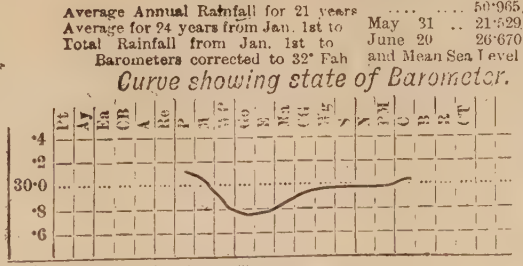
COMPILED from **TELEGRAMS** for 9 A.M., JUNE 20 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 29 *s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 20 .. 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	m'x	m'n	R'in
Casino ..	b	74	30	0
T'nt'rfield	b	54	29	0
Moree ..	b	64	41	0
Grafton..	b	71	42	0
Gl'n Inn's	b	50	27	0
Inverell..	–	—	—	—
Bourke ..	g	63	41	0
Narrabri.	b	76	35	0
Armidale.	–	—	—	—
Bendem'r	b	50	32	0·04
Gunned'h	b	65	25	0
C'n'mble.	b	55	34	0
Tamw'rth	b	54	28	0
Coonab'n.	b	53	25	0
F.M'cqrie	b	65	43	0
W'lcannia	c	60	45	0
Murr'ndi	c	51	34	0
Cassilis ..	n	51	32	0
Mus'br'ok	b	61	37	0
Dubbo ..	b	59	42	0
Menindie	c	60	45	0·04
Mudgee..	b	61	39	0
Maitland	b	60	—	0
Hill End .	c	—	—	0
Newcast'e	b	67	42	0
Orange .	g	44	35	0·02
Bathurst	g	41	36	0·10
Forbes	b	62	42	0
M.Vict'ria	c	41	31	0
Cond'b'in	–	–	–	–
Picton. .	b	56	36	0
Carcoar..	g	49	59	0·07
Wentw'th	c	55	41	0·01
Young .	g	63	44	0·06
Woll'g'ng	b	61	45	0
Hay.....	b	63	36	0
Moss Vale	b	47	35	0
Euston .	–	—	—	—
Goulburn	b	48	35	0
Wagga ..	g	61	33	0
Cape Geo.	b	60	31	0
Queanb'n	b	48	36	0
Deniliq'n	b	53	35	0
Moruya ..	b	60	38	0
Kiandra	b	47	30	0
Albury	b	48	31	0·05
Delilah	b	61	36	0
Goomalin	n	57	25	0
Eden	b	55	44	0
Cabo	b	–	—	—

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·15 F 45 N

CLOUDY ON S. COAST.
SYDNEY b 58 45 Rain 0·000

28 30·32 R 45

0 30·13 R 39

0 30·14 R 42

28 — 49

48 — 48

48 — 48

28 — 48

28 — 49

2 — 51

14 — 48

28 — 52

14 — 48

14 — 53

42 — 51

34 — 53

48 — 50

WIND SCALE.
0-Calm
1-Li't brze
2-Mod. ,,
3-Fresh ,,
4-Stg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·15 on E. coast. For note to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 21 1882 with NOTES to 3 P.M.

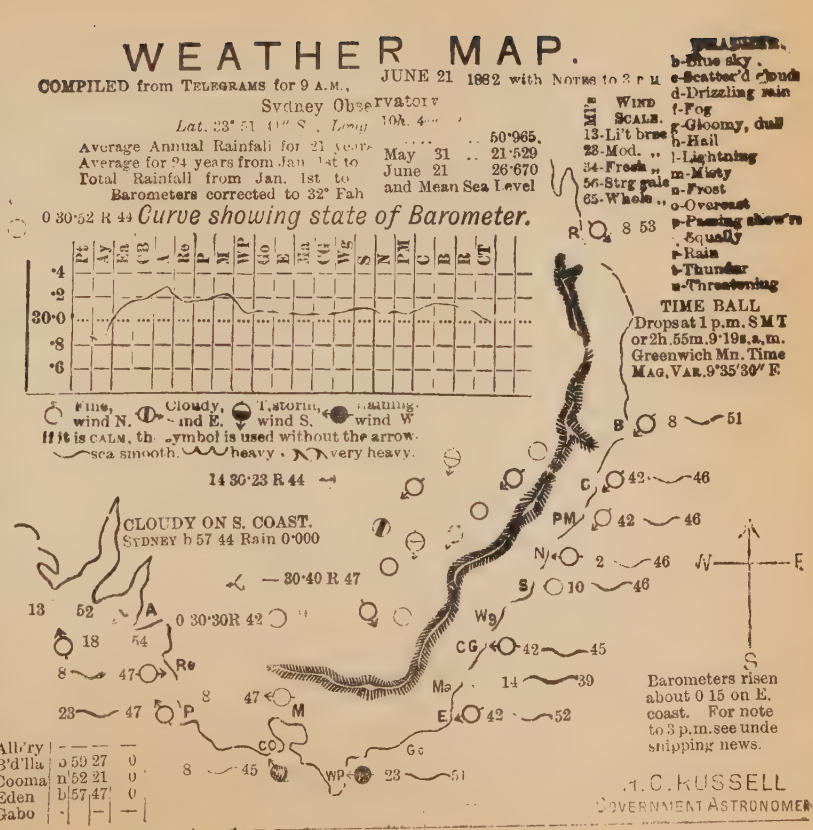
Sydney Observatory

Lat. 33° 51′ 40″ S., *Long.* 10h. 4m. ..

Average Annual Rainfall for 21 years .. 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 21 .. 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	b	67	30	0
T'nt'rfield	n	47	25	0
Moree ..	g	62	45	0
Grafton ..	b	66	37	0
Gl'n Inn's	n	46	23	0
Inverell ..	b	58	23	0
Bourke ..	g	52	45	0
Narrabri ..	b	65	39	0
Armidale.	c	45	—	0
Bendem'r	b	50	34	0
Gunned'h	b	62	22	0
C'n'mble .	n	55	41	0
Tamw'rth	b	55	28	0
Coonab'n.	b	50	32	0
F.M'cqrie	b	60	40	0
W'lcannia	n	55	45	0
Murr'ndi	c	48	31	0
Cassilis ..	b	44	34	0
Mus'br'ok	n	57	32	0
Dubbo ..	g	56	43	0
Menindie	c	60	41	0
Mudgee ..	g	58	32	0
Maitland	b	55	42	0
Hill End .	g	—	—	0
Newcast'e	b	67	39	0
Orange ..	g	42	35	0·02
Bathurst	g	45	34	0·05
8 50 Forbs	g	60	40	0
M.Vict'ria	n	40	30	0
Cond'b'in	g	43	33	0
Picton.	b	54	48	0
Carcoar	g	40	30	0·04
Wentw'th	c	52	40	0
Young	b	58	35	0·01
Woll'g'ng	..	—	—	—
Hay .. .	c	63	40	0
Moss Vale	n	44	32	0
Euston	g	54	33	0
Goulburn	g	47	32	0
Wagga ..	f	54	29	0·04
Cape Geo.	b	60	32	0
Queanb'n	n	46	28	0
Deniliq'n	b	54	34	0
Moruya .	b	61	35	0
Kiandra	s	47	10	0

Albury	—	—	—
B'd'lla	b	59	27	0
Cooma	n	52	21	0
Eden	b	57	47	0
Gabo	—	—	—	—



Mil's Wind Scale.
13-Li't breeze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing shower
q-Squally
r-Rain
s-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., JUNE 22 1882 with Notes to 9 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S ; *Long.* 10h 4m E.

Average Annual Rainfall for 21 years . . . 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 22 26·670
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	M'x	vn	R'in
Casino ..	b	67	28	0
T'nt'rfield	b	49	23	0
Moree ..	b	60	35	0
Grafton ..	b	65	30	0
Gl'n Inn's	b	48	20	0
Inverell ..	n	51	15	0
Bourke ..	b	65	38	0
Narrabri'	n	67	29	0
Armidale.	b	44	—	0
Bendem'r	b	48	25	0
Gunned'h	b	65	12	0
C'n'mble .	b	52	31	0
Tamw'rth	n	—	—	—
Coonab'n.	b	49	26	0
F.M'cqrie	b	58	43	0
W'lcannia	c	60	45	0
Murr'ndi	b	49	27	0
Cassilis ..	b	48	38	0
Mus'br'ok	b	59	30	0
Dubbo ..	n	51	34	0
Menindie	b	61	40	0
Mudgee..	b	60	28	0
Maitland	b	54	41	0
Hill End .	b	—	—	0
Newcast'e	b	68	37	0
Orange ..	n	40	29	0
Bathurst	b	41	25	0
18 54				
Forbs	b	60	40	0
M.Vict'ria	b	42	26	0
Cond'b'in	c	43	31	0
Picton.	b	55	33	0
Carcoar.	b	44	50	0
Wentw'th	b	57	40	0
Young	b	60	29	0
Woll'g'ng	b	61	43	0
Hay....	b	62	34	0
Moss Vale	n	46	30	0
Euston ..	—	—	—	—
Goulburn	b	51	24	0
Wagga ..	n	52	27	0
Cape Geo.	b	59	30	0
Queanb'n	u	44	30	0
Deniliq'n	b	53	31	0
Moruya .	b	60	34	0
Kiandra	b	50	2	0

Fine wind N. Cloudy, wind E. T'storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow

sea smooth. heavy . very heavy.

CLOUDY ON S. COAST.
SYDNEY b 56 43 Rain 0·000

14 30·26 R 46

14 30·41 R 46

0 30·39 R 43

0 30·25—49

Albury	b	47	33	0
B'd'lla	n	58	27	0
Cooma	n	50	16	0
Eden	b	56	42	0
Gabo	g	—	—	—

WEATHER.
b-Blue sky .
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-3-Li't brze
2-3-Mod. ,,
4-Fresh ,,
5-6-Strg gale
6-5-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·15 on E. coast. For note to 3 p.m. see unde shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

JUNE 23 1882 with Notes to 3 P.M.

COMPILED from **TELEGRAMS** for 9 A.M.,

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 8′ ·

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 23 .. 26·671
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	y'n	R'in
Casino ..	b	71	34	0
T'nt'rfield	n	58	28	0
Moree ..	b	65	37	0
Grafton..	b	68	38	0
Gl'n Inn's	n	60	35	0
Inverell..	b	53	20	0
Bourke ..	n	61	38	0
Narrabri:	n	79	30	0
Armidale.	n	48	—	0
Bendem'r	b	53	27	0
Gunned'h	n	62	25	0
C'n'mble.	b	55	30	0
Tamw'rth	b	60	27	0
Coonab'n.	b	52	30	0
F.M'cqrie	b	62	43	0
W'lcannia	b	55	45	0
Murr'ndi	b	49	35	0
Cassilis ..	b	45	30	0
Mus'br'ok	n	57	29	0
Du'bo ..	b	51	34	0
Menindie	b	59	40	0
Mudgee..	n	64	31	0
Maitland	n	55	36	0
Hill End .	b	—	—	0
Newcast'e	b	67	47	0
Orange ..	b	42	28	0
Bathurst	b	52	28	0
18 54 Forbs	b	59	36	0
M.Vict'ria	c	46	31	0
Cond'b'in	g	41	27	0
Picton. ..	n	53	23	0
Carcoar..	n	45	32	0
Wentw'th	c	60	43	0
Young ..	n	70	33	0
Woll'g'ng	c	60	39	0
Hay.....	g	62	39	0
Moss Vale	n	46	30	0
Euston ..	..	—	—	—
Goulburn	g	49	24	0
Wagga ..	b	49	29	0
Cape Geo.	b	58	33	0
Queanb'n	f	—	30	0
Deniliq'n	-	—	—	—
Moruya ..	g	56	32	0
Kiandra	n	55	—	0
Alb'ry	g	50	30	0
B'd'lla	c	58	24	0
Cooma	n	52	22	0
Eden	b	55	38	0
Gabo	g	-	—	—

9 30·40 R 59 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY ON S. COAST.
SYDNEY g 56 40 Rain 0·001

14 30·22 F 46

— 30·15 F 46

0 30·18 F 36

Barometers fallen about 0 15 on S E coast. For note to 3 p.m. see unde shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

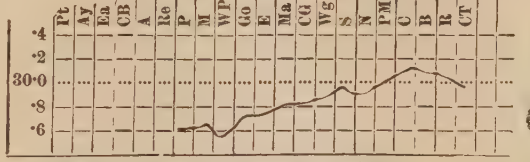
COMPILED from TELEGRAMS for 9 A.M., JUNE 24 1882 with NOTES to 2 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *s.* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 24 ..... 26·671
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE. M'ts
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
66-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL Drops at 1 p.m. S M T or 2h.55m.9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY ON S. COAST.
SYDNEY g 56 42 Rain 0·000

42 30·08 F 49
14 29·95—48 D
0 30·39 R 16
14 30·07 F 49

3 60
B 8 — 52
S 14 — 55
PM 0 — 49
N 4 — 49
SW 5 — 52
W 14 — 47
CG 42 — 52
Ma 14 — 49
Ge 18 — 51
WP 13 — 51
CO 34 — 47
P 40 — 53
M 18 52
E

W — E
S

Barometers fallen about 0 25 on S E coast. For note to 3 p.m. see unde shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x'm	R'in
Casino ..	b	74 34	0
T'nt'rfield	b	61 31	0
Moree ..	b	60 43	0
Grafton..	f	70 39	0
Gl'n Inn's	b	60 28	0
Inverell..	b	51 22	0
Bourke ..	b	66 40	0
Narrabri.	n	78 31	0
Armidale.	b	25 —	0
Bendem'r	n	56 29	0
Gunned'h	b	53 26	0
C'n'mble.	–	— —	—
Tamw'rth	–	— —	—
Coonab'n.	b	57 28	0
P.M'cqrie	b	65 44	0
W'lcannia	g	60 46	0
Murr'ndi	b	54 36	0
Cassilis ..	n	58 33	0
Mus'br'ok	b	61 33	0
Dubbo ..	c	56 34	0
Menindie	c	61 40	0
Mudgee..	g	62 31	0
Maitland	c	57 41	0
Hill End .	–	— —	—
Newcast'e	g	65 37	0
Orange ..	g	46 32	0
Bathurst	b	54 31	0
Forbs	g	53 38	0
M.Vict'ria	c	49 37	0
Cond'b'in	g	44 32	0
Picton. ..	c	53 34	—
Carcoar..	g	47 37	0
Wentw'th	g	61 45	0
Young .	b	60 35	0
Woll'g'ng	b	62 42	0
Hay.....	b	62 42	0
Moss Vale	b	49 34	0
Euston ..	g	62 47	0
Goulburn	b	55 30	0
Wagga ..	c	50 35	0
Cape Geo.	b	56 34	0
Queanb'n	b	44 34	0
Deniliq'n	g	58 39	0
Moruya ..	b	56 38	0
Kiandra	c	45 —	0

Alb'ry	b	51 30	0·05
B'd'lla	n	54 23	0
Cooma	b	53 32	0
Eden	b	— —	0
Gabo	b	— —	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 26 1882 with Notes to 3 P.M.

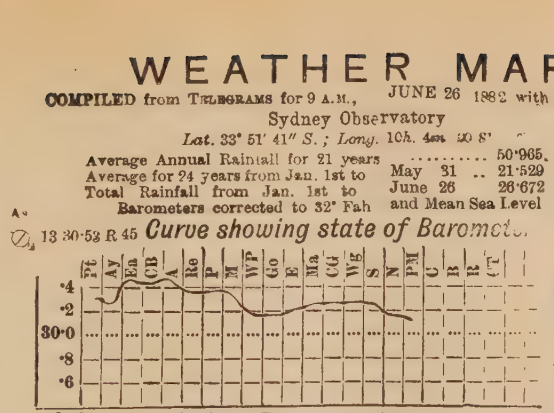
Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 26 26·672
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	c	73	33	0
T'nt'rfield	b	51	30	0
Moree ..	b	66	42	0
Grafton..	b	71	42	0
Gl'n Inn's	b	51	30	0
Inverell ..	b	52	23	0
Bourke ..	b	60	46	0
Narrabri..	b	78	53	0
Armidale.	b	5?	—	0
Bendem'r	n	57	31	0
Gunned'h	f	67	47	0
C'n'mble.	b	57	30	0
Tamw'rth	b	59	30	0
Coonab'n.	b	52	31	0
P.M'cqrie	b	64	51	0
W'lcannia	c	55	35	0
Murr'ndi	c	54	32	0
Cassilis ..	n	53	32	0
Mus'br'ok	g	62	36	0
Dubbo ..	n	53	36	0
Menindie	b	55	41	0
Mudgee..	n	61	30	0
Maitland	b	61	51	0
Hill End .	-	—	—	—
Newcast'e	c	68	48	0
Orange ..	n	47	32	0
Bathurst	g	55	33	0
8 53 Forbs	f	56	35	0
M. Vict'ria	b	48	34	0
Cond'b'in	b	47	33	0
Picton. ..	n	58	32	0
Carcoar..	n	50	35	0
Wentw'th	g	60	44	0
Young ..	n	53	31	0
Woll'g'ng	-	—	—	—
Hay.....	g	61	32	0
Moss Vale	n	49	32	0
Euston ..	b	61	29	0
Goulburn	b	53	28	0
Wagga ..	f	52	29	0
Cape Geo.	b	55	34	0
Queanb'n	n	53	30	0
Deniliq'n	b	58	35	0
Moruya ..	g	60	44	0
Kiandra		40	—	0

Alb'ry	b	58 30	0·32
B'd'lla	b	63 28	0
Cooma	c	51 34	0
Eden	g	58 48	0·01
Gabo	g	- —	—



H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

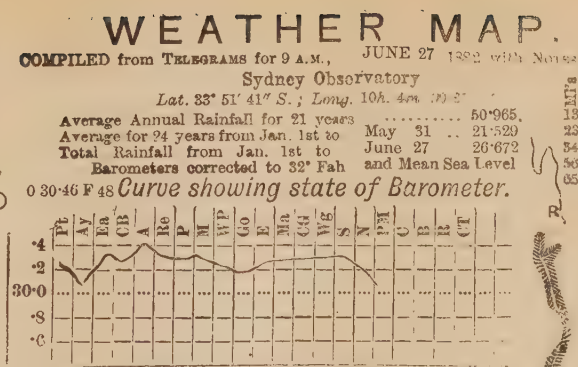
COMPILED from TELEGRAMS for 9 A.M., JUNE 27 1892 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 27 26·672
Barometers corrected to 32° Fah and Mean Sea Level

0 30·46 F 48 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	M'x'm	R'in
Casino ..	c	71 48	0·14
T'nt'rfield	g	58 37	0
Moree ..	g	69 47	0
Grafton..	c	70 50	0·02
Gl'n Inn's	g	67 39	0·05
Inverell ..	g	50 30	0
Bourke ..	b	70 47	0
Narrabri :	c	69 41	0
Armidale.	–	— —	—
Bendem'r	g	54 32	0
Gunned'h	b	57 30	0
C'n'mble .	b	61 38	0
Tamw'rth	c	62 34	0
Coonab'n.	b	53 40	0
P.M'cqrie	c	63 47	0
W'lcannia	b	60 45	0
Murr'ndi	c	52 35	0
Cassilis ..	c	50 33	0
Mus'br'ok	g	64 32	0
Dubbo ..	b	54 35	0
Menindie	g	53 43	0
Mudgee..	b	69 38	0
Maitland	b	60 43	0
Hill End .	n	— —	0
Newcast'e	b	65 44	0
Orange ..	n	46 31	0
Bathurst	b	55 28	0
8 50 Forbs	b	56 34	0
M.Vict'ria	b	46 32	0
Cond'b'in	b	51 27	0
Picton. ..	n	56 33	0
Carcoar..	b	45 34	0
Wentw'th	g	59 43	0
Young ..	n	71 31	0
Woll'g'ng	–	— —	—
Hay.....	–	— —	—
Moss Vale	n	48 29	0
Euston ..	b	57 39	0
Goulburn	f	56 27	0
Wagga ..	n	52 25	0
Cape Geo.	c	59 35	0
Queanb'n	b	44 33	0
Deniliq'n	f	58 31	0
Moruya ..	b-	60 44	0
Kiandra	–	— —	—

Alb'ry	b	57 30	—
B'd'lla	b	60 35	0
Cooma	c	53 34	0
Eden	g	57 43	0
Gabo	c	— —	0

CLOUDY ON S. COAST.
SYDNEY b 58 46 Rain 0·000

14 30·48 S 46
14 30·37 R 37
14 30·27 R 36
0 47 A
18 48
13 49 Re
13 48 P
3 47 M
Co
8 52
WP 13 49
Go 18 53
E 14 47
Ma 42 46
CG 0 54
Wg
S 7 47
N 2 40
PM 28 52
E
B
R

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·09 on E coast. For note to 3 p.m. see unde shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 28 [illegible] 10 A.M.

Sydney Obs'ry

Lat. 33° 51′ 41″ S., *Long* 151° [illegible]

Average Annual Rainfall for 21 years ..... 50·915
Average for 24 years from Jan. 1st to May 31 .. 21·229
Total Rainfall from Jan. 1st to June 28 .. 26·675
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	m	R'in
Casino ..	c	62	47	0·07
T'nt'rfield	g	52	35	0
Moree ..	b	70	48	0
Grafton ..	c	62	45	0·06
Gl'n Inn's	b	62	36	0·11
Inverell ..	b	58	20	0
Bourke ..	b	64	43	0
Narrabri ..	b	75	38	0
Armidale.	b	50	—	0·06
Bendem'r	g	56	32	0
Gunned'h	b	69	32	0
C'n'mble .	b	63	40	0
Tamw'rth	b	68	31	0
Coonab'n.	b	64	29	0
F.M'cqrie	b	62	47	0
W'lcannia	b	60	45	0
Murr'ndi	b	54	33	0
Cassilis ..	f	54	34	0
Mus'br'ok	f	60	33	0
Dubbo ..	b	56	36	0
Menindie	n	53	35	0
Mudgee ..	b	71	51	0
Maitland	b	60	42	0
Hill End .	b	—	—	—
Newcast'e	b	65	42	0
Orange ..	b	46	31	0
Bathurst	n	52	28	0
18 49 Forbs	n	56	38	0
M. Vict'ria	b	48	35	0
Cond'b'in	b	38	24	0
Picton. ..	n	57	29	0
Carcoar ..	b	48	34	0
Wentw'th	n	57	32	0
Young ..	n	73	31	0
Woll'g'ng	-	—	—	—
Hay.....	..	—	—	—
Moss Vale	n	49	34	0
Euston ..	b	62	22	0
Goulburn	b	55	24	0
Wagga ..	n	53	25	0
Cape Geo.	b	61	35	0
Queanb'n	n	48	29	0
Deniliq'n	g	50	28	0
Moruya ..	b	60	36	0
Kiandra	-	—	—	—

Alb'ry	f	57	30	0
B'd'lla	n	61	28	0
Cooma	n	58	22	0
Eden	b	56	40	0
Gabo	b	-	—	0

Curve showing state of Barometer.

0 30·52 S 43

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

CLOUDY ON S. COAST.

SYDNEY b 59 43 Rain 0·003

0 30·25 S 51

14 30·41 F 41

13 54 A 14 30·36 F 24

0 30·28 R 49

Barometers fallen about 0·10 on S. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL.

GOVERNMENT ASTRONOMER.

WIND SCALE. 0-Calm 1-Light air 2-Light breeze 3-Gentle 4-Moderate 5-Fresh 6-Strong gale 7-Moderate 8-Fresh 9-Strong 10-Whole 11-Storm 12-Hurricane

b-Blue sky c-Scattered Clouds d-Detailing rain f-Fog g-Gloomy, dull h-Hail j-Lightning m-Misty s-Snow t-Thunder v-Threatening

TIME BALL. Dropsat 1 p.m. S.M.T. or 2h. 55m. 7·2s. a.m. Greenwich Mn. Time

MAG. VAR. 9° 36′ 30″ E.

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 29 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 29 26·680
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'fall
Casino ..	b	70	50	0·33
T'nt'rfield	g	56	44	0·30
Moree ..	b	70	50	0
Grafton ..	f	70	51	0
Gl'n Inn's	g	56	42	0
Inverell ..	b	58	28	0
Bourke ..	b	67	49	0
Narrabri ..	c	90	43	0
Armidale ..	b	52	—	0·06
Bendem'r	b	59	32	0
Gunned'h	–	—	—	—
C'n'mble ..	b	—	—	0
Tamw'rth	b	65	34	0
Coonab'n.	g	64	30	0
F.M'cqrie	b	64	47	0
W'lcannia	b	60	45	0
Murr'ndi	b	57	36	0
Cassilis ..	f	55	35	0
Mus'br'ok	b	60	33	0
Dubbo ..	b	56	37	0
Menindie	b	61	36	0
Mudgee ..	b	70	56	0
Maitland	o	57	43	0
Hill End ..	–	—	—	—
Newcast'e	b	69	42	0
Orange ..	n	50	32	0
Bathurst	n	59	28	0
Forbs	b	59	40	0
M. Vict'ria	b	52	39	0
Cond'b'in	b	40	27	0
Picton ..	n	56	30	0
Carcoar ..	n	50	35	0
Wentw'th	b	60	35	0
Young ..	n	73	34	0
Woll'g'ng	b	66	46	0
Hay	–	—	—	—
Moss Vale	n	53	32	0
Euston ..	b	64	24	0
Goulburn	b	58	26	0
Wagga ..	b	52	27	0
Cape Geo.	b	64	38	0
Queanb'n	n	46	30	0
Deniliq'n	n	52	31	0
Moruya ..	b	67	37	0
Kiandra	–	—	—	—
Alb'ry	f	55	28	0
B'd'lla	n	62	26	0
Cooma	n	58	22	0
Eden	b	54	37	0
Gabo	b	–	—	0

0 30·47 S 45 *Curve showing state of Barometer.*

PE AY Ea CB A Re P M WP Go E Ma CG Wg N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

0 30·13 F 53

CLOUDY ON S. COAST.
SYDNEY b 62 45 Rain 0·005

28 30·18 F 41

0 59 A 14 30·16 F 27

28 46

14 30·15 F 35

23 49 Re

23 — M

3 48 P

48 47 CO

WP 13 44

Gc 8 53

Ma 14 40

E 14 41

CG 28 55

W 14 54

S 4 57

N 2 51

PM 14 51

C 28 55

B

R

A

Miles WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
e-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·25 on S E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JUNE 30 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long* 10*h.* 4*m* 20 *s* E.

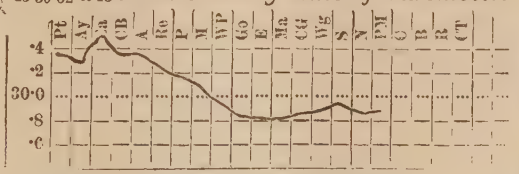
Average Annual Rainfall for 21 years .... 50·965.
Average for 24 years from Jan. 1st to May 31 .. 21·529
Total Rainfall from Jan. 1st to June 30 26·684
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x'vn	R'in
Casino ..	c	73 50	0·03
T'nt'rfield	d	62 44	0·15
Moree ..	b	64 53	0·18
Grafton..	b	74 50	0·12
Gl'n Inn's	b	51 43	0·23
Inverell ..	c	58 30	0·29
Bourke ..	c	68 46	0
Narrabri.	b	73 45	0·04
Armidale.	r	54 —	0·31
Bendem'r	r	59 29	0·05
Gunned'h	b	74 36	0
C'n'mble .	b	67 43	0·07
Tamw'rth	g	68 39	0·35
Coonab'n.	b	63 40	0·22
F.M'cqrie	b	65 51	0
W'lcannia	b	55 45	0
Murr'ndi	p	57 40	0
Cassilis ..	c	51 38	0·37
Mus'br'ok	g	65 36	0·15
Dubbo ..	g	58 40	0·36
Menindie	b	43 39	0
Mudgee..	b	66 58	0·37
Maitland	g	61 46	0·05
Hill End .	b	— —	0·15
Newcast'e	g	70 41	0
Orange ..	r	51 34	0·32
Bathurst	b	53 32	0·10
0 52			
Forbs	b	60 42	0
M.Vict'ria	g	50 39	0·08
Cond'b'in	b	41 30	0
Picton. ..	g	58 35	0
Carcoar..	g	52 38	0·18
Wentw'th	b	63 38	0·02
Young ..	c	74 36	0·06
Woll'g'ng	c	68 50	0
Hay.....	..	— —	—
Moss Vale	b	54 38	0
Euston ..	b	62 32	0·03
Goulburn	b	58 33	0·11
Wagga ..	c	56 29	0·08
Cape Geo.	b	68 38	0
Queanb'n	n	50 31	0
Deniliq'n	b	57 33	0·19
Moruya..	b	67 38	0
Kiandra	–	— —	—

Alb'ry	g	56 33	0·12
B'd'lia	n	68 31	0
Cooma	n	56 23	0
Eden	b	55 39	0
Gabo	b	- —	0

Curve showing state of Barometer.

23 30·62 R 48



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

56 30·13 S 49

CLOUDY ON S. COAST.
SYDNEY g 63 48 Rain 0·004

42 30·36 R 41

30·08- 42

0 29·88 F 43

0 44 A 23 49

23 49 P

48 44

Re M CO WP

S 49

23 46

Ma 14 47
E 28 43
G 18 53
CG 14 50
Wg 14 53
S 3 54
N 6 51
PM 14 57

B

WIND SCALES.

M'ls	
13	Lt brze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

WEATHER.

b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·25 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 1 [illegible]

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 1 ..... 26·684
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

	Pt	Ay	La	CB	A	Re	P	M	WP	Co	E	Ma	CG	Wg	S	N	DM	C	B	R	Ct
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	m'x	vn	R'in
Casino ..	b	74	33	0
T'nt'rfield	b	55	34	0
Moree ..	b	67	38	0
Grafton..	b	75	44	0
Gl'n Inn's	g	57	30	0·01
Inverell..	b	55	20	0
Bourke ..	b	62	38	0·03
Narrabri.	b	72	30	0·02
Armidale.	s	51	—	0·10
Bendem'r	b	52	34	0·31
Gunned'h	-	—	—	—
C'n'mble .	b	52	34	0
Tamw'rth	b	58	32	0·02
Coonab'n.	b	50	32	0
F.M'cqrie	b	65	45	0
W'lcannia	b	50	40	0
Murr'ndi	b	52	34	0·18
Cassilis ..	b	54	35	0
Mus'br'ok	b	62	35	0
Dubbo ..	b	58	37	0
Menindie	n	63	39	0
Mudgee..	b	59	37	0
Maitland	b	59	45	0
Hill End .	b	—	—	0·10
Newcast'e	b	69	38	0
Orange ..	c	63	31	0·04
Bathurst	b	45	31	0·05
Forbs	b	54	39	0·02
M.Vict'ria	b	42	29	0
Cond'b'in	b	40	24	0
Picton. ..	-	—	—	0
Carcoar..	b	45	34	0·30
Wentw'th	b	54	36	0
Young ..	g	65	30	0·04
Woll'g'ng	b	62	40	0
Hay.....	b	52	30	0
Moss Vale	o	47	30	0·12
Euston ..	b	56	25	0
Goulburn	n	48	29	0·19
Wagga ..	c	49	26	0·04
Cape Geo.	b	59	20	0
Queanb'n	n	44	26	0
Deniliq'n	b	52	35	0
Moruya..	b	64	34	0
Kiandra	-	—	—	—

Alb'ry	c	52	31	0·01
B'd'lla	b	61	24	0
Cooma	s	43	18	0
Eden	b	55	39	0
Gabo	b	-	—	0·64

CLOUDY ON S. COAST
SYDNEY b 57 43 Rain 0·019

0 30·38 R 45
28 30·47 R 40
14 30·35 R 41
0 30·20 R 40

WIND SCALE.
1-3-Li't brze
23-Mod. "
4-Fresh "
6-Strg gale
5-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

PM 14 49
N 2 48
S 15 46
Wg 14 48
CG 42 44
Ma 14 38
E 14 46
Gc 8 52
WP 28 18
CO 48 52
P 23 51 13 47
M
Re
A
B
C

W E S

Barometers risen about 0·25 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 3 1882 with Notes to 3 P.M.

Sydney Observatory

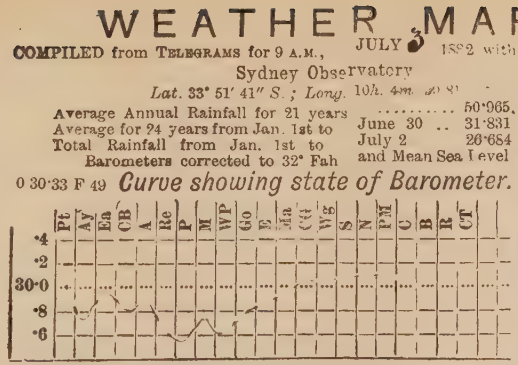
Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 20 E.

Average Annual Rainfall for 21 years ..... 50·065.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 2 26·684
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x'	M'n	R'in
Casino ..	b	73	28	0
T'nt'rfield	n	53	23	0
Moree ..	b	62	35	0
Grafton..	b	68	32	0
Gl'n Inn's	n	53	19	0
Inverell..	b	51	14	0
Bourke ..	b	61	36	0
Narrabri:	b	76	27	0
Armidale.	-	—	—	—
Bendem'r	n	49	25	0
Gunned'h	b	73	25	0
C'n'mble.	b	59	29	0
Tamw'rth	b	57	24	0
Coonab'n.	n	56	22	0
P.M'cqrie	b	61	39	0
W'lcannia	b	58	46	0
Murr'ndi	b	49	33	0
Cassilis ..	n	50	30	0
Mus'br'ok	b	64	33	0
Dubbo ..	-	—	—	—
Menindie	b	63	37	0
Mudgee..	n	63	51	0
Maitland	b	58	46	0
Hill End .	b	—	—	0
Newcast'e	b	63	45	0
Orange ..	n	41	30	0
Bathurst	f	52	25	0
13 56 Forbs	b	56	38	0
M.Vict'ria	b	44	31	0
Cond'b'in	b	—	22	0
Picton. ..	n	58	26	0
Carcoar..	n	45	35	0
Wentw'th	b	65	38	0
Young ..	n	63	28	0
Woll'g'ng	--	—	—	—
Hay.....	-	—	—	—
Moss Vale	b	47	35	0
Euston ..	b	63	36	0
Goulburn	b	47	35	0·07
Wagga ..	n	53	26	0
Cape Geo.	b	64	35	0
Queanb'n	n	48	28	0
Deniliq'n	b	52	33	0
Moruya..	b	65	45	0
Kiandra		—	—	—

Alb'ry	-	—	—
B'd'lla	n	70	23	0
Cooma	n	52	28	0
Eden	-	—	—	—
Gabo	b	—	—	0

0 30·33 F 49 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·16 R 48

FINE GENERALLY.
SYDNEY b 6145 Rain 0·000

42 30·32 F 47

18 50 A 28 30·01F 42 34 50

28 48

56 49 34 54

Mil's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale ,,
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

C 28 45
PM 14 47
N 5 53
S 8 46
CG 28 51
Ma 14 49
G 18 54
W E S

Barometers fallen about 0·15 on E coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 4 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h. 4m. 50·9s.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 4 26·684
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	79	27	0
T'nt'rfield	n	56	26	0
Moree ..	b	68	38	0
Grafton..	n	71	31	0
Gl'n Inn's	n	65	20	0
Inverell..	b	54	25	0
Bourke ..	n	64	38	0
Narrabri:	n	80	29	0
Armidale.	b	53	—	0
Bendem'r	n	57	45	0
Gunned'h	-	—	—	—
C'n'mble.	b	63	31	0
Tamw'rth	b	61	24	0
Coonab'n.	b	58	28	0
P.M'cqrie	b	66	41	0
W'lcannia	b	61	48	0
Murr'ndi	b	54	41	0
Cassilis ..	n	54	23	0
Mus'br'ok	b	63	29	0
Dubbo ..	n	69	33	0
Menindie	b	66	41	0
Mudgee..	n	61	56	0
Maitland	b	60	46	0
Hill End.	b	—	—	0
Newcast'e	b	65	46	0
Orange ..	b	45	29	0
Bathurst 18 48	n	57	27	0
Forbs	b	66	44	0
M.Vict'ria	b	51	34	0
Cond'b'in	b	45	25	0
Picton. ..	n	61	25	0
Carcoar..	n	48	30	0
Wentw'th	b	70	42	0
Young ..	n	64	31	0
Woll'g'ng	b	68	40	0
Hay.....	-	—	—	—
Moss Vale	b	54	37	0
Euston ..	b	63	33	0
Goulburn	b	57	37	0
Wagga ..	b	54	24	0
Cape Geo.	b	67	31	0
Queanb'n	b	50	37	0
Deniliq'n	b	60	38	0
Moruya ..	b	64	45	0
Kiandra	b	47	9	0

Alb'ry	c	54	30	0
B'd'lla	b	65	28	0
Cooma	n	61	27	0
Eden	b	64	46	0
Gabo	b	—	—	0

0 30·30 F 55 *Curve showing state of Barometer.*

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

MI's	WIND SCALE.
13	Lt brze
23	Mod. ,,
34	Fresh ,,
56	Strg gale
65	Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY ON S. COAST
SYDNEY b 66 45 Rain 0·000

14 30·08 F 48
28 30·09 F 48
0 30·05 R 46
11 29·95 - 46

Barometers fallen about 0·05 on E coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 5 1882 with NOTES to 3 P.M.

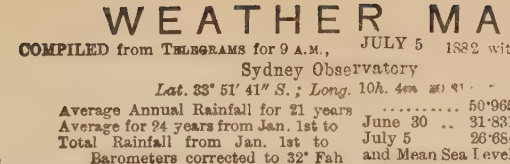
Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 5 26·684
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	80	36	0
T'nt'rfield	b	64	36	0
Moree ..	b	71	45	0
Grafton ..	b	74	32	0
Gl'n Inn's	b	66	26	0
Inverell ..	b	57	26	0
Bourke ..	g	67	43	0
Narrabri.	n	78	30	0
Armidale.	b	44	—	0
Bendem'r	–	—	—	—
Gunned'h	–	—	—	—
C'n'mble.	b	65	30	0
Tamw'rth	b	66	29	0
Coonab'n.	n	62	26	0
P.M'cqrie	b	67	43	0
W'lcannia	b	60	45	0
Murr'ndi	b	57	35	0
Cassilis ..	b	58	32	0
Mus'br'ok	b	64	32	0
Dubbo ..	n	58	34	0
Menindie	b	71	40	0
Mudgee..	n	66	52	0
Maitland	b	61	41	0
Hill End .	–	—	—	—
Newcast'e	b	69	41	0
Orange ..	n	47	30	0
Bathurst 18 53	b	57	27	0
Forbs	b	63	42	0
M.Vict'ria	b	49	38	0
Cond'b'in	b	45	22	0
Picton. ..	n	56	26	0
Carcoar..	n	49	32	0
Wentw'th	b	67	35	0
Young ..	b	66	32	0
Woll'g'ng	–	—	—	0
Hay.....	–	—	—	—
Moss Vale	o	53	40	—
Euston ..	b	62	28	0
Goulburn	b	60	33	0
Wagga ..	b	51	27	0
Cape Geo.	b	63	35	0
Queanb'n	n	50	43	0
Deniliq'n	b	61	34	0
Moruya ..	b	67	39	0
Kiandra	n	51	10	0
Alb'ry	b	59	29	0
B'd'lla	b	66	27	0
Cooma	n	62	26	0
Eden	b	62	44	0
Gabo	b	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

CLOUDY ON S. COAST
SYDNEY b 63 45 Rain 0·000

0 30·18 R 48
14 30·28 R 43
0 30·19R 40
0 30·11 R 36
3 56
B 3 57
E 14 55
PM 14 49
N 2 58
S 4 47
CG 28 50
Ma 14 43
E 14 48
Ge 8 56
WP 23 51
48 50
CO
23 52
P 18
54 M
Re
0 54
A
W E S

Barometers risen about 0·10 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 6 1894 with Norma to ... P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. ... E.

Average Annual Rainfall for 21 years ..... 50·965.

Average for 24 years from Jan. 1st to June 30 .. 31·831

Total Rainfall from Jan. 1st to July 6 26·703

Barometers corrected to 32° Fah and Mean Sea Level

S 30·29 R 70 *Curve showing state of Barometer.*

Stations.	wt	a	x	ve	R in
Casino ..	b	84	48		0
T'm'rfield	c	64	40		0
Moree ..	b	70	51		0
Grafton ..	c	79	32		0
Gl'n Inn's	g	63	41		0
Inverell ..	b	69	32		0
Bourke ..	g	64	48		0
Narrabri	g	73	42		0
Armidale.	g	55	—		0
Bendem'r	g	60	37		0
Gunned'h	r	76	32		0
C'n'mble .	g	66	40		0
Tamw'rth	–	—	—		—
Coonab'n.	g	64	32		0
P.M'cqrie	c	6-	47		0
W'lcannia	b	6-	59		0
Murr'ndi	b	58	35		0
Cassilis ..	g	61	35		0
Mus'br'ok	g	65	34		0
Dubbo ..	b	69	37		0
Menindie	g	5-	42		0
Mudgee..	n	69	56		0
Maitland	b	61	41		0
Hill End .	b	—	—		0
Newcast'e	b	73	45		0
Orange ..	n	50	30		0
Bathurst	b	53	26		0
18 57 Forbs	b	64	40		0
M.Vict'ria	b	51	38		0
Cond'b'in	g	39	27		0
Picton. .	n	62	27		0
Carcoar..	n	50	33		0
Wentw'th	b	68	39		0
Young ..	b	73	30		0
Woll'g'ng	b	68	51		0
Hay.....	b	66	35		0
Moss Vale	n	54	34		0
Euston ..	b	68	29		0
Goulburn	b	57	25		0
Wagga ...	b	51	26		0
Cape Geo.	b	69	35		0
Queanb'n	n	53	29		0
Deniliq'n	b	62	35		0
Moruya ..	b	66	38		0
Kiandra	–	—	—	—	—

Alb'ry	b	61	28	0
B'd'lla	n	68	26	0
Cooma	n	60	18	0
Eden	b	59	44	0
Gabo	b	—	—	0

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

14 30·20 R 54

FINE GENERALLY.

SYDNEY b 63 43 Rain 0·000

14 30·31 R 44

0 30·19S 44

0 30·17 R 38

WIND SCALE.

0-Light breeze
3-Moderate ,,
5-Fresh ,,
8-Strong gale
25-Whole ,,

WEATHER.

b-Blue sky.
c-Scattered cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL

Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

Barometers risen about 0·16 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL

GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 7 1892 with NOTES to 3 P.M.

Sydney Observatory

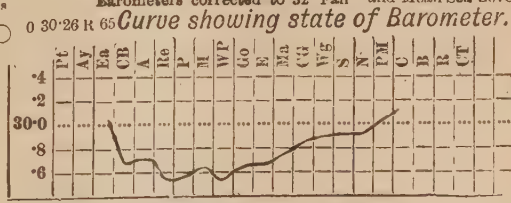
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 30*s.* *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 7 26·703
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	b	75	45	0
T'nt'rfield	b	65	35	0
Moree ..	b	76	55	0
Grafton..	b	78	32	0
Gl'n Inn's	g	65	35	0
Inverell..	b	63	31	0
Bourke ..	g	70	48	0
Narrabri.	b	80	44	0
Armidale.	b	54	—	0
Bendem'r	b	57	37	0
Gunned'h	-	—	—	—
C'n'mble.	g	59	45	0
Tamw'rth	-	—	—	—
Coonab'n.	b	62	38	0
P.M'cqrie	b	66	49	0
W'lcannia	c	60	40	0
Murr'ndi	g	68	42	0
Cassilis ..	b	51	40	0
Mus'br'ok	b	65	40	0
Dubbo ..	g	58	38	0
Menindie	-	—	—	—
Mudgee..	b	75	43	0
Maitland	b	60	45	0
Hill End .	r	—	—	0
Newcast'e	b	74	54	0
Orange ..	g	50	33	0·05
Bathurst	g	62	31	0
Forbs	c	67	48	0
M.Vict'ria	g	51	42	0·72
Cond'b'in	g	55	29	0
Picton. ..	n	59	28	0
Carcoar..	r	54	37	0·09
Wentw'th	-	—	—	—
Young ..	r	73	36	0·10
Woll'g'ng	b	70	53	0
Hay.....	b	66	35	0
Moss Vale	b	54	42	0
Euston ..	b	52	39	0
Goulburn	g	58	36	0
Wagga ...	g	52	32	0·13
Cape Geo.	b	67	41	0
Queanb'n	r	50	31	0·25
Deniliq'n	b	62	40	0·19
Moruya ..	b	62	41	0
Kiandra	-	—	—	—

Alb'ry	p	60	35	0·32
B'd'lla	b	66	31	0
Cooma	c	60	24	0·02
Eden	b	59	46	0
Gabo	b	—	—	0·02

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

0 30·26 R 65

CLOUDY ON S. COAST.
SYDNEY g 64 46 Rain 0·000

13 53 A 0 29·87 F 52 D
40 55
23 53 Re
34 53 P 18 58 M
14 29·81 F 49
23 55 CO
23 57 WP
Wg 14 63
CG 14 57
Ma 28 61
E 14 48
Ge 13 57
C 28 61
PM 14 55
N 5 58
S 11 62

WEATHER.
b-Blue sky.
c-Scatter'd cloud.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·35 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 8 1892 (9h. 0m. Mean Solar Time)

Sydney Observatory

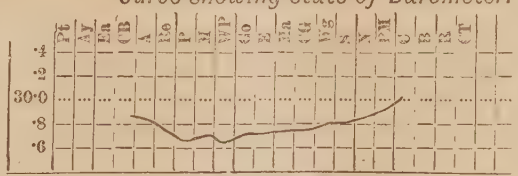
Lat. 33° 51′ 41″ *S.* ; *Long* 10h. 4m. 52s. *E.*

Average Annual Rainfall for 21 years ..... 50·065.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 8 26·703
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x'm	R'in
Casino ..	b	82 49	0
T'nt'rfield	b	66 45	0
Moree ..	g	72 57	0
Grafton..	b	80 53	0
Gl'n Inn's	g	64 41	0
Inverell..	g	60 30	0
Bourke ..	g	74 60	0·01
Narrabri.	r	85 45	0
Armidale.	g	61 —	0
Bendem'r	r	65 37	0·01
Gunned'h	–	— —	—
C'n'mble.	–	— —	—
Tamw'rth	b	74 48	0
Coonab'n.	g	68 52	0·15
F.M'cqrie	c	72 56	0
W'lcannia	c	65 50	0
Murr'ndi	r	55 53	0·65
Cassilis ..	p	64 53	0·38
Mus'br'ok	r	73 47	0·17
Dubbo ..	g	59 51	0·64
Menindie	c	75 49	0
Mudgee..	p	61 47	1·10
Maitland	c	75 59	0·25
Hill End .	f	— —	0·28
Newcast'e	r	79 44	0·40
Orange ..	c	53 46	0·43
Bathurst	g	54 44	0·23
Forbes	c	68 49	0·09
Melb., Vict'ria	g	58 44	0·07
Cond'b'in	r	52 47	0
Picton. ..	–	— —	0
Carcoar..	–	— —	0
Wentw'th	c	73 42	0
Young ..	r	68 49	0·16
Woll'g'ng	c	75 57	0
Hay.....	b	70 42	0
Moss Vale	c	60 48	0·02
Euston ..	b	72 38	0
Goulburn	g	60 48	0·03
Wagga ..	b	65 42	0·03
Cape Geo.	g	73 44	0
Queanb'n	g	50 44	0·15
Deniliq'n	b	62 44	0·01
Moruya ..	g	71 47	0
Kiandra	r	54, 0	0·03

Alb'ry	b	66 45	0·24
B'd'lla	c	74 36	0
Cooma	g	64 36	0·02
Eden	b	65 47	0
Gabo	c	— —	0·02

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Light breeze
23-Mod. ,,
34-Fresh ,,
56-Strong gale
65-Whole ,,

TIME BALL Drops at 1 p.m. G.M.T. or 2h. 55m. 0·1 s. a.m. Greenwich Mn. Time.
MAG. VAR. 9°35′30″ E.

CLOUDY ON S. COAST.
SYDNEY g 73 62 Rain 0·000

14 29·92 *F* 64

28 29·59 —47

0 29·85 F 48

0 29·81 S 49

13 47 A 65 A 47

8 — 49

18 52

13 — 49

14 — 66
PM 0 — 64
N 0 — 60
S 20 — 63
Wg 28 — 63
CG 0 — 57
Ma 14 — 49
E 14 — 50
Go 8 — 58
WP 18 — 50

Barometers fallen about 0·10 on the coast. For news to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

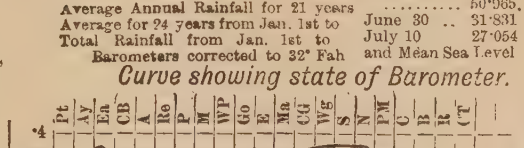
COMPILED from TELEGRAMS for 9 A.M., JULY 10 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h. 4m. 50 8E.

Average Annual Rainfall for 21 years ..... 50·065.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 10 ..... 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	M'x'm	R'in
Casino ..	b	70 32	0
T'nt'rfield	c	58 29	0
Moree ..	b	60 49	0·64
Grafton..	b	70 40	0
Gl'n Inn's	b	56 25	0
Inverell ..	b	64 19	0
Bourke ..	g	60 38	0
Narrabri.	b	75 29	0
Armidale.	n	60 —	0·67
Bendem'r	n	58 29	0
Gunned'h	b	75 26	0
C'n'mble.	b	54 32	0
Tamw'rth	c	52 28	0
Coonab'n.	b	— —	—
F.M'cqrie	b	63 47	0
W'lcannia	g	60 40	0
Murr'ndi	b	59 32	2·12
Cassilis ..	b	52 33	0 53
Mus'br'ok	b	60 40	0·33
Dubbo ..	b	57 38	0·57
Menindie	g	64 39	0
Mudgee..	n	60 31	0·40
Maitland	b	65 50	0·23
Hill End .	b	— —	1·10
Newcast'e	b	66 47	0
Orange ..	b	43 31	0·01
Bathurst	b	53 28	0·80
Forbs	b	59 40	0
M.Vict'ria	n	52 32	0·62
Cond'b'in	b	51 26	0
Picton. ..	n	58 31	0
Carcoar..	b	54 35	0·75
Wentw'th	g	60 37	0
Young ..	b	— —	0
Woll'g'ng	b	63 45	0
Hay.....	c	69 31	0·09
Moss Vale	b	50 33	0·01
Euston ..	g	63 35	0
Goulburn	f	54 30	0·31
Wagga ..	b	61 31	0·06
Cape Geo.	c	67 36	0
Queanb'n	n	53 34	0·30
Deniliq'n	b	60 34	0
Moruya ..	b	61 38	0
Kiandra	b	— —	0

Alb'ry	c	63·30	0·36
B'd'lla	n	61 29	0
Cooma	n	50 24	0
Eden	b	57 42	0
Gabo	b	— -	0

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·22 R 43

FINE GENERALLY.
SYDNEY b 60 45 Rain 0·351

28 30·09 R44

14 30·31 R44

0 30·21 R 40

WIND SCALES.
1-3-Lt brze
2-3-Mod. ,,
4-Fresh ,,
5-6-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd Cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·45 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 11 1882 with Notes to 9 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h 4m E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 11 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	75	37	0
T'nt'rfield	b	62	32	0
Moree ..	b	66	45	0
Grafton ..	g	73	43	0
Gl'n Inn's	b	62	26	0
Inverell ..	b	54	23	0
Bourke ..	g	60	46	0
Narrabri ..	o	80	36	0
Armidale.	b	50	—	0
Bendem'r	b	55	32	0
Gunned'h	–	—	—	—
C'n'mble .	–	—	—	—
Tamw'rth	c	62	33	0
Coonab'n.	g	71	40	0
F.M'cqrie	c	64	45	0
W'lcannia	c	65	45	0
Murr'ndi	c	58	34	0
Cassilis ..	b	53	36	0
Mus'br'ok	g	60	37	0
Dubbo ..	c	59	38	0
Menindie	g	54	40	0·30
Mudgee ..	g	67	36	0
Maitland	b	58	50	0
Hill End .	g	—	—	—
Newcast'e	b	68	46	0
Orange ..	c	48	33	0·06
Bathurst	g	53	30	0·02
Forbes	p	66	48	0·04
M.Vict'ria	c	47	36	0
Cond'b'in	c	43	38	0
Picton. ..	c	55	31	0
Carcoar ..	r	50	40	0·02
Wentw'th	b	50	43	0·20
Young ..	r	68	38	0·03
Woll'g'ng	–	—	—	—
Hay.....	c	66	41	0·05
Moss Vale	g	48	34	0
Euston ..	b	50	41	0·10
Goulburn	b	55	33	0
Wagga ..	r	52	35	0·15
Cape Geo.	b	60	39	0
Queanb'n	c	48	34	0
Deniliq'n	d	54	40	0·17
Moruya ..	g	59	41	0
Kiandra	n	57	0	0

Alb'ry	c	63	30	0·36
B'd'lla	n	61	29	0
Cooma	n	50	24	0
Eden	b	57	42	0
Gabo	b	—	—	0

8 30·34 R 60 *Curve showing state of Barometer.*

Pt Ay Ea CB A Be P M WP Go E Ma CG W S NW PM C B Be CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WIND SCALE.
0-Calm
1-Lt brze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S.M.T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

0 30·07 F 55

CLOUDY ON S. COAST.
SYDNEY g 58 47 Rain 0·000

28 30·07 F 47

8 42 A 14 30·00 F 48 0

0 29·99 F 46

Barometers fallen about 0·25 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 12 1892 with Notes to 9 P.M.

Sydney Observatory

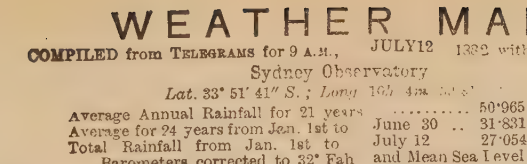
Lat. 33° 51′ 41″ *S.* ; *Long.* 16h 4m 54s *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 12 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	77	42	0
T'nt'rfield	g	60	39	0
Moree ..	g	70	51	0
Grafton..	g	76	45	0
Gl'n Inn's	g	66	30	0·01
Inverell..	g	59	30	0
Bourke ..	b	63	52	0·17
Narrabri:	r	78	36	0
Armidale.	g	54	—	0·02
Bendem'r	r	58	34	0·20
Gunned'h	c	73	44	0·25
C'n'mble.	b	58	48	0·21
Tamw'rth	-	—	—	—
Coonab'n.	g	62	42	0·20
P.M'cqrie	c	62	50	0
W'lcannia	b	57	42	0
Murr'ndi	r	54	46	0·35
Cassilis ..	b	55	49	0·11
Mus'br'ok	g	61	45	0·02
Dubbo ..	g	53	40	0·33
Menindie	b	56	40	0
Mudgee..	b	54	46	0·20
Maitland	b	63	53	0
Hill End .	b	—	—	0·32
Newcast'e	b	68	46	0
Orange ..	c	47	39	0·72
Bathurst	b	49	42	0·15
13 53				
Forbs	b	64	42	0·14
M.Vict'ria	b	42	34	0·10
Cond'b'in	b	43	35	0
Picton. ..	-	62	32	0
Carcoar..	g	49	42	0·55
Wentw'th	b	62	43	0·01
Young ..	g	67	48	0·39
Woll'g'ng	b	69	47	0
Hay.....	b	66	39	0
Moss Vale	b	51	41	0
Euston ..	b	61	40	0
Goulburn	b	51	38	0·11
Wagga ..	g	50	40	0·25
Cape Geo.	b	67	35	0
Queanb'n	c	48	41	0·08
Deniliq'n	b	54	39	0·06
Moruya ..	b	64	48	0
Kiandra	s	51	0	0

Alb'ry	g	52	43	0·12
B'd'lla	b	65	28	0
Cooma	n	57	31	0
Eden	b	58	42	0
Gabo	b	—	—	0

8 30·48 R 55 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

14 30·18 R 55

CLOUDY ON S. COAST.
SYDNEY b 66 52 Rain 0·000

2 30·15R 48

18 50 A 28 30·15R 48 0

48 53

23 49 Re

0 29·97 F 48

34 41 P 13 53 M

23 50 CO WP 34 50

Wg 57

CG 14 59

Ma 14 54

E 14 44

Go 8 54

C 28 57

PM 0 54

N 2 55

S 16 57

B.

R.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
1-Lt. breze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

W — E
S

Barometers fallen about 0·05 on S coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 13 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 50·81

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 13 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	M'x	m'n	R'in
Casino ..	b	79	53	0
T'nt'rfield	b	52	31	0
Moree ..	b	56	40	0·04
Grafton ..	b	76	45	0
Gl'n Inn's	b	48	28	0
Inverell ..	b	59	31	0
Bourke ..	b	66	44	0
Narrabri .	o	72	38	0
Armidale.	c	51	—	0·07
Bendem'r	g	52	37	0·56
Gunned'h	g	73	49	0
C'n'mble .	b	—	—	—
Tamw'rth	b	58	35	0·05
Coonab'n.	b	58	34	0
P.M'cqrie	b	69	40	0
W'lcannia	b	60	40	0
Murr'ndi	g	5b	42	0
Cassilis ..	b	55	34	0
Mus'br'ok	c	63	45	0
Dubbo ..	b	59	44	0
Menindie	p	62	41	0
Mudgee ..	b	62	43	0
Maitland	b	62	54	0
Hill End .	b	—	—	0
Newcast'e	b	68	50	0
Orange ..	b	50	38	0
Bathurst	b	55	35	0
13 50 Forbs	b	60	44	0
M.Vict'ria	b	46	37	0
Cond'b'in	b	47	33	0
Picton. ..	b	60	44	0
Carcoar ..	b	50	38	0
Wentw'th	b	63	44	0·10
Young ..	b	64	34	0
Woll'g'ng	b	70	43	0
Hay.....	b	66	39	0
Moss Vale	b	50	40	0
Euston ..	b	62	41	0
Goulburn	b	52	39	0
Wagga ..	p	51	39	0·08
Cape Geo.	–	—	—	—
Queanb'n	c	50	40	0
Deniliq'n	b	58	41	0
Moruya ..	b	—	—	0
Kiandra	c	43	15	0

Alb'ry	g	57	42	0·05
B'd'lla	b	65	34	0
Cooma	r	56	36	0·07
Eden	b	59	48	0
Gabo	b	—	—	0

CLOUDY ON S. COAST.
SYDNEY b 63 52 Rain 0·000

14 30·15 R 52

42 30·17 R 48

28 29·90 F 45

28 29·90 F 47

13 — 50 — 28 — 47

65 — 47 — 48 — 47

R 3 59

B 3 — 62

E 28 — 49

PM 14 — 47

N 11 — 47

S 25 — 55

W 42 — 57

Ma 42 — 54

E 42 — 58

Go 34 — 56

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Lt brze
2-Mod. ,,
3-Fresh ,,
5-Stg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′ 00″ E

Barometers fallen about 0·10 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 14 1892 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 46 *s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 14 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.

13 30·48 F 48

Pt Ay Ea CB A Re P M WP Go E Ma Ce W S Y M C B R

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·27 R 47

CLOUDY ON S. COAST.
SYDNEY b 62 45 Rain 0·000

42 30·48 R 42

14 30·35 R 46

14 30·22 R 41

WIND SCALE.
13-Light breeze
23-Moderate "
34-Fresh "
55-Strong "
65-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9° 55′ 30″ E

Barometers risen about 0·20 on E coast. For notes to 3 p.m. see under shipping news.

Stations.	wt	M'x	Mn	R'in
Casino ..	b	75	31	0
T'nt'rfield	b	52	35	0
Moree ..	–	—	—	—
Grafton ..	g	72	40	0
Gl'n Inn's	b	49	30	0
Inverell ..	b	53	19	0
Bourke ..	b	63	43	0
Narrabri	o	75	29	0
Armidale.	b	49	–	0
Bendem'r	g	50	34	0
Gunned'h	b	74	29	0
C'n'mble .	b	60	36	0
Tamw'rth	b	58	39	0
Coonab'n.	b	50	34	0
P.M'cqrie	b	65	39	0
W'lcannia	b	57	40	0
Murr'ndi	b	52	45	0
Cassilis ..	b	56	36	0
Mus'br'ok	b	62	39	0
Dubbo ..	b	58	38	0
Menindie	g	60	36	0·01
Mudgee ..	b	61	57	0
Maitland	b	60	49	0
Hill End .	b	—	—	0
Newcast'e	b	69	41	0
Orange .	c	44	32	0·24
Bathurst	b	50	35	0
Forbs	b	61	42	0
M. Vict'ria	b	43	29	0
Cond'b'in	b	41	23	0
Picton. .	b	59	40	0
Carcoar ..	g	48	35	0·11
Wentw'th	b	57	49	0
Young .	b	61	31	0·08
Woll'g'ng	b	63	44	0
Hay.....	b	65	35	0
Moss Vale	b	49	33	0
Euston ..	b	56	30	0
Goulburn	b	47	32	0·15
Wagga ..	b	52	29	0
Cape Geo.	–	—	—	—
Queanb'n	b	40	34	0·13
Deniliq'n	b	58	36	0
Moruya ..	b	63	35	0
Kiandra	–	—	—	—

Alb'ry	b	53	31	0·05
B'd'lla	b	57	38	0
Cooma	n	48	27	0·02
Eden	b	49	42	0
Gabo	p	—	–	0

H. C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., JULY 15 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *S.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 15 27·054
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in.
Casino ..	b	70	40	0
T'nt'rfield	c	50	42	0
Moree ..	b	64	48	0
Grafton..	g	63	48	0
Gl'n Inn's	g	54	32	0
Inverell..	b	53	23	0
Bourke ..	g	63	43	0
Narrabri.	g	69	39	0
Armidale.	c	41	—	0
Bendem'r	g	48	33	0
Gunned'h	—	—	—	—
C'n'mble.	g	45	36	0
Tamw'rth	—	—	—	—
Coonab'n.	c	50	30	0
F.M'cqrie	c	59	43	0
W'lcannia	c	59	38	0
Murr'ndi	g	50	31	0
Cassilis ..	b	49	34	0
Mus'br'ok	g	57	30	0
Dubbo ..	c	57	35	0
Menindie	g	59	37	0
Mudgee..	—	—	—	—
Maitland	g	51	39	0
Hill End.	—	—	—	—
Newcast'e	g	69	38	0
Orange ..	b	40	28	0
Bathurst	n	45	26	0
Forbs	n	58	32	0
M. Vict'ria	n	40	25	0
Cond'b'in	g	—	30	0
Picton. ..	n	53	26	0
Carcoar..	g	43	30	0
Wentw'th	b	55	37	0
Young ..	n	60	27	0
Woll'g'ng	—	—	—	—
Hay.....	g	66	29	0
Moss Vale	n	43	25	0
Euston ..	b	57	35	0
Goulburn	n	47	23	0
Wagga ..	n	49	22	0
Cape Geo.	b	56	27	0
Queanb'n	n	44	26	0
Deniliq'n	b	52	30	0
Moruya ..	b	55	32	0
Kiandra	—	—	—	—

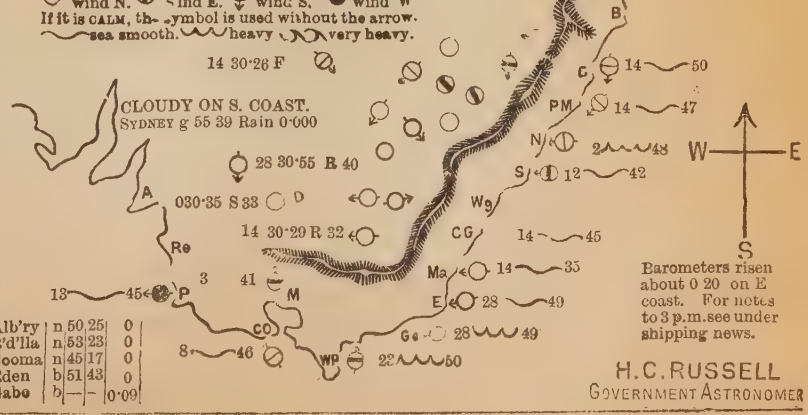
Alb'ry	n	50	25	0
B'd'lla	n	53	23	0
Cooma	n	45	17	0
Eden	b	51	43	0
Gabo	b	—	—	0·09

Curve showing state of Barometer.

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.



Barometers risen about 0·20 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
28-Mod. ,,
54-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 17 1882 with No. as to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 30 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 17 27·066
Barometers corrected to 32° Fah and Mean Sea Level

0 30·53 R 42 *Curve showing state of Barometer.*

Stations.	wt	m'	v'	vn	R'in
Casino ..	b	54	40	0·90	
T'nt'rfield	g	44	33	0·22	
Moree ..	b	54	44	0·03	
Grafton ..	g	55	47	0·92	
Gl'n Inn's	b	44	34	0	
Inverell ..	b	53	21	0	
Bourke ..	b	67	36	0	
Narrabri ..	b	55	35	0	
Armidale.	g	45	—	1·28	
Bendem'r	g	49	25	0·76	
Gunned'h	b	74	27	0	
C'n'mble ..	b	44	41	0	
Tamw'rth	b	49	35	0·16	
Coonab'n.	b	52	32	0	
P.M'cqrie	q	52	48	2·12	
W'lcannia	b	54	40	0	
Murr'ndi ..	b	47	38	0 80	
Cassilis ..	c	41	34	0·22	
Mus'br'ok	b	54	34	0·33	
Dubbo ..	o	51	35	0	
Menindie	n	55	39	0	
Mudgee ..	n	51	29	0	
Maitland	b	53	44	0·64	
Hill End .	-	—	—	—	
Newcast'e	b	65	45	1·74	
Orange ..	b	45	29	0	
Bathurst	b	49	25	0	
13 46					
Forbs	n	57	32	0	
M,Vict'ria	b	41	28	0	
Cond'b'in	b	—	30	0	
Picton. ..	b	53	34	0	
Carcoar ..	n	45	30	0	
Wentw'th	b	53	35	0	
Young ..	n	71	28	0	
Woll'g'ng	g	66	45	0	
Hay.....	n	65	20	0	
Moss Vale	n	44	31	0	
Euston ..	b	60	32	0	
Goulburn	n	51	24	0	
Wagga ..	n	51	22	0	
Cape Geo.	r	56	35	0·15	
Queanb'n	n	46	27	0	
Deniliq'n	n	53	28	0	
Moruya ..	b	58	38	0	
Kiandra	n	47	—	0	

Alb'ry	b	56	25	0
B'd'lla	o	57	26	0
Cooma	c	49	30	0·02
Eden	b	57	45	0
Gabo	b	—	—	0·15

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·23 F 46

CLOUDY ON S. COAST.
SYDNEY g 55 44 Rain 0·012

28 30·50 F 42

30·34 F 38 0

0 30·23 F 37

WIND SCALE.
0-Lt's brze
3-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·10 on E coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

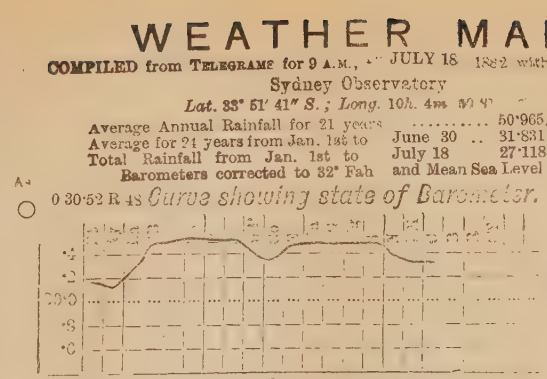
COMPILED from **TELEGRAMS** for 9 A.M., [illegible] JULY 18 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 18 .. 27·118
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	b	66	34	0
T'nt'rfield	b	54	30	0
Moree ..	b	67	41	0
Grafton ..	b	65	44	0
Gl'n Inn's	b	52	38	0
Inverell ..	b	58	32	0
Bourke ..	n	59	37	0
Narrabri ..	b	79	35	0
Armidale.	c	47	—	0
Bendem'r	b	51	26	0
Gunned'h	–	—	—	
C'n'mble .	b	45	29	0
Tamw'rth	b	59	30	0
Coonab'n.	b	50	24	0
P.M'cqrie	q	59	49	0
W'lcannia	b	65	40	0
Murr'ndi	g	49	32	0
Cassilis ..	b	51	33	0
Mus'br'ok	b	60	37	0
Dubbo ..	b	56	33	0
Menindie	n	57	34	0
Mudgee ..	n	64	30	0
Maitland	g	66	52	0
Hill End .	–	—	—	—
Newcast'e	p	59	44	0·79
Orange ..	n	47	30	0
Bathurst	n	55	25	0
Forbs	b	62	39	0
M. Vict'ria	n	42	32	0
Cond'b'in	b	40	30	0
Picton. ..	n	54	34	0
Carcoar ..	n	47	30	0
Wentw'th	b	57	33	0
Young ..	b	73	29	0
Woll'g'ng	b	68	44	0
Hay.....	b	65	30	0
Moss Vale	g	45	34	0
Euston ..	–	—	—	—
Goulburn	b	53	23	0
Wagga ..	n	51	23	0
Cape Geo.	b	67	37	0
Queamb'n	n	48	28	0
Deniliq'n	.	—	—	—
Moruya ..	b	67	34	0
Kiandra	n	57	—	0
Alb'ry	o	57	27	0
B'd'lla	n	60	26	0
Cooma	n	50	24	0
Eden	b	56	41	0
Gabo	b	—	—	0·06


0 30·52 R 48
Curve showing state of Barometer.
Fine, wind N.
Cloudy, wind E.
T.storm, wind S.
Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth.
heavy
very heavy.
28 30·34 R 46
CLOUDY ON S. COAST.
SYDNEY c 55 44 Rain 0·052
28 30·61 R 41
0 30·43 R 38
TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E
Barometers risen about 0·24 on E coast. For notes to 3 p.m. see under shipping news.

WIND SCALE.
13-Lt'breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., JULY 19 1892 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h. 4m. 56·0s.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 19 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	b	66	37	0
T'nt'rfield	b	54	38	0
Moree ..	b	71	46	0
Grafton..	b	65	45	0
Gl'n Inn's	b	53	34	0
Inverell..	.	—	—	—
Bourke ..	b	62	40	0
Narrabri.	b	76	35	0
Armidale.	c	48	—	0·02
Bendem'r	b	53	32	0
Gunned'h	b	71	36	0
C'n'mble.	b	55	35	0
Tamw'rth	–	—	—	0
Coonab'n.	b	59	27	0
F.M'cqrie	g	62	47	0·03
W'lcannia	b	52	38	0
Murr'ndi	f	52	36	0
Cassilis ..	b	50	32	0
Mus'br'ok	f	62	35	0
Dubbo ..	b	57	34	0
Menindie	o	60	34	0
Mudgee..	n	67	35	0
Maitland	b	59	43	0
Hill End.	–	—	—	—
Newcast'e	p	63	43	0·91
Orange ..	n	45	28	0
Bathurst	n	56	26	0
8 49 Forbs	b	64	41	0
M.Vict'ria	b	44	31	0
Cond'b'in	b	41	30	0
Picton. ..	b	55	28	0
Carcoar..	n	47	30	0
Wentw'th	b	60	33	0
Young ..	n	61	28	0
Woll'g'ng	b	62	44	0
Hay.....	b	64	32	0
Moss Vale	f	47	28	0
Euston ..	n	62	33	0
Goulburn	b	57	24	0
Wagga ..	n	52	23	0
Cape Geo.	b	55	34	0
Queanb'n	n	45	30	0
Deniliq'n	b	56	26	0
Moruya ..	b	54	37	0
Kiandra	b	53	—	0

Alb'ry	b	58	27	0
B'd'lla	b	59	29	0
Cooma	n	58	37	0
Eden	b	55	45	0
Gabo	b	—	—	0

0 30·52 R 43 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·33 F 47

CLOUDY ON S. COAST.
SYDNEY b 56 41 Rain 0·007

28 30·58 R 37

0 30·50—34

0 30·43 S 38

3 47

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 0·05 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 20 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 20·9*s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 20 27·135
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	xn	R'in
Casino ..	c	67	44	0·02
T'nt'rfield	g	54	36	0
Moree ..	c	73	50	0
Grafton..	b	65	42	0
Gl'n Inn's	b	53	35	0
Inverell..	b	53	23	0
Bourke ..	b	64	40	0
Narrabri.	c	78	35	0
Armidale.	b	48	—	0
Bendem'r	b	51	32	0
Gunned'h	–	—	—	—
C'n'mble .	b	58	31	0
Tamw'rth	b	65	31	0
Coonab'n.	b	59	42	0
P.M'cqrie	g	62	46	0
W'lcannia	b	60	40	0
Murr'ndi	f	52	33	0
Cassilis ..	c	52	33	0
Mus'br'ok	g	62	34	0
Dubbo ..	b	57	37	0
Menindie	o	59	35	0
Mudgee..	b	71	37	0
Maitland	p	59	49	0
Hill End .	–	—	—	—
Newcast'e	r	64	45	0·01
Orange ..	n	47	31	0
Bathurst	n	55	29	0
Forbs	b	66	40	0
M.Vict'ria	c	44	33	0
Cond'b'in	b	40	31	0
Picton. ..	n	57	39	0
Carcoar..	n	47	34	0
Wentw'th	n	59	30	0
Young ..	b	73	31	0
Woll'g'ng	b	61	46	0
Hay.....	b	64	32	0
Moss Vale	n	46	30	0
Euston ..	n	66	29	0
Goulburn	b	54	24	0
Wagga ...	n	53	24	0
Cape Geo.	c	58	37	0
Queanb'n	n	47	30	0
Deniliq'n	b	59	30	0
Moruya..	b	60	40	0
Kiandra	b	52	—	0

Alb'ry	b	58	27	0
B'd'lla	g	63	33	0
Cooma	c	54	21	0
Eden	b	58	44	0
Gabo	b	—	—	0

A. 0 30·48 R 45 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma CG WS S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

MI's WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
55-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m., S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

FINE GENERALLY.
SYDNEY g 57 44 Rain 0·010

14 30·26 F 48
28 30·59 F 38
030·25F 37
14 30·39 F 39

Barometers fallen about 0 10 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 21 1882 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·87*s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 21 27·136
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	g	63	49	0·06
T'nt'rfield	d	52	43	0·02
Moree ..	b	65	49	0
Grafton..	g	65	42	0·19
Gl'n Inn's	g	52	41	0
Inverell..	b	57	28	0
Bourke ..	b	64	42	0
Narrabri.	c	76	34	0
Armidale.	c	47	—	0
Bendemi'r	g	52	32	0
Gunned'h	g	72	40	0
C'n'mble.	b	58	38	0
Tamw'rth	c	66	36	0
Coonab'n.	b	59	35	0
F.M'cqrie	p	63	49	0·14
W'lcannia	b	62	48	0
Murr'ndi	c	50	36	0
Cassilis ..	c	49	37	0
Mus'br'ok	g	59	42	0·02
Dubbo ..	b	57	37	0
Menindie	o	64	36	0
Mudgee..	b	66	49	0
Maitland	p	58	53	0·01
Hill End .	–	—	—	—
Newcast'e	g	67	45	1·02
Orange ..	b	49	32	0
Bathurst	n	57	29	0
13 55 Forus	b	56	39	0
M.Vict'ria	g	48	34	0
Cond'b'in	b	43	31	0
Picton. .	b	56	35	0
Carcoar..	n	48	34	0
Wentw'th	n	62	32	0
Young ..	b	78	34	0
Woll'g'ng	c	61	44	0
Hay.....	b	64	35	0
Moss Vale	g	48	37	0·02
Euston ..	–	—	—	—
Goulburn	b	51	28	0
Wagga ..	b	54	25	0
Cape Geo.	c	57	39	0
Queanb'n	n	48	31	0
Deniliq'n	n	58	29	0
Moruya ..	b	58	42	0
Kiandra	b	68	—	0
Alb'ry	b	60	28	0
B'd'lla	b	57	34	0
Cooma	n	51	23	0
Eden	b	57	45	0
Gabo	b	—	—	0·03

0 30·43 R 46 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·24 F 51

FINE GENERALLY.
SYDNEY c 57 47 Rain 0·001

14 30·43 F 51

14 30·33R 38

0 30·33 F 39

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

MI's WIND SCALE.
13-Li't breze
22-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·05 on E coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 22 1882 with NOTES to 3 P.M.

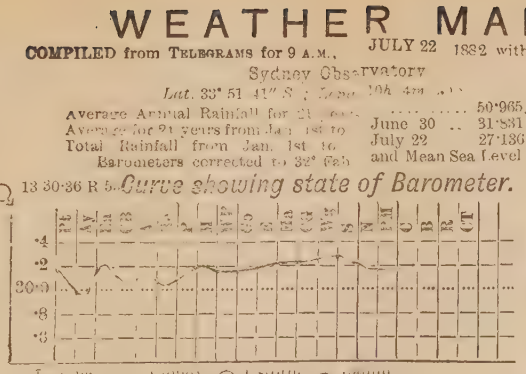
Sydney Observatory

Lat. 33° 51′ 41″ S ; Long. 10h 4m ... E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 22 27·136
Barometers corrected to 32° Fah and Mean Sea Level

13 30·36 R 5

Curve showing state of Barometer.



Fine. Cloudy. Storm. Rain.
wind N. wind E wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

14 30·18 F 49

FINE GENERALLY.
SYDNEY c 58 44 Rain 0·0·0

14 30·34 F 47

14 30·30 F 35

14 30·22 F 40

18 56 A 23 55 23 48 Re 28 48 P 8 49 M 18 49 CO WP 3 18 Gc 23 55 E 14 42 Ma 14 42 CG 14 46 W 14 53 S 10 46 N 2 51 PM 28 51 C 13 52 B R

WIND SCALE. M'S
0-Calm
1-Light breeze
2-Light wind
3-Fresh wind
4-Strong wind
5-Whole gale

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
o-Overcast
p-Passing show'rs
r-Rain
s-Snow
w-Threatening

TIME BALL
Drops at 1 p.m. G.M.T.
or 23h. 55m. 9·1s. G.m.
Greenwich Mn. Time
MAG. VAR. 9°35′0″ E

Barometers fallen about 0·10 on E coast. For notes to 3 p.m. see under shipping news.

C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	M'n	R'in
Casino ..	g	65	48	0
T'nt'rfield	b	54	32	0
Moree ..	b	73	44	0
Grafton.	b	63	41	0
Gl'n Inn's	b	54	33	0
Inverell..	b	59	22	0
Bourke ..	b	65	45	0
Narrabri.	b	82	36	0
Armidale.	b	49	—	0
Bendem'r.	b	53	29	0
Gunned'h	..	—	—	
Cr'mble.	..	—	—	
Tamw'rth	b	63	29	0
Coonab'n.	b	59	26	0
T.M'cquric	g	62	48	0·05
Wilcannia	b	59	45	0
Murr'ndi	g	54	38	0
Cassilis ..	b	52	20	0
Mus'br'ok	g	60	41	0
Dubbo ..	b	58	31	0
Menindie	g	64	42	0
Mudgee..	b	63	42	0
Maitland	g	60	52	0
Hill End.	g	—	—	0
Newcast'e	g	66	45	0
Orange .	b	48	32	0
Bathurst	b	56	33	0
8 51				
Forbs	b	53	19	0
M.Vict'ria	b	48	32	0
Cond'b'in	b	43	31	0
Picton..	n	58	29	0
Carcoar..	..	—	—	—
Wentw'th	b	67	39	0
Young .	b	78	32	0
Woll'g'ng	b	61	42	0
Hay.....	b	63	34	0
Moss Vale	f	49	30	0·02
Euston .	b	70	32	0
Goulburn	b	53	31	0
Wagga ..	..	—	—	—
Cape Geo.	b	77	31	0
Queanb'n	n	48	28	0
Deniliq'n	b	57	33	0
Moruya .	b	57	30	0
Kiandra	n	55	—	0

Alb'ry	b	60	28	0
B'd'lla	b	61	31	0
Cooma	c	58	23	0
Eden	b	57	49	0
Gabo	—	—	—	—

WEATHER MAP.

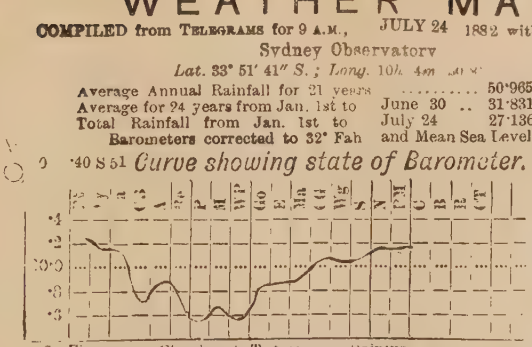
COMPILED from TELEGRAMS for 9 A.M., JULY 24 1882 with NOTES to 3 P.M

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 24 27·136
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	71	35	0
T'nt'rfield	n	56	28	0
Moree ..	b	69	61	0
Grafton	b	70	38	0
Gl'n Inn's	b	60	23	0
Inverell ..	b	50	29	0
Bourke ..	b	66	43	0
Narrabri.	b	79	30	0
Armidale.	n	51	—	0
Bendem'r	b	64	32	0
Gunned'h	..	—	—	—
C'n'mble.	b	59	30	0
Tamw'rth	o	63	25	0
Coonab'n.	o	62	25	0
F.M'cqrie	b	64	42	0
W'lcannia	g	65	50	0
Murr'ndi	b	53	34	0
Cassilis ..	o	55	34	0
Mus'br'ok	o	64	32	0
Dubbo ..	n	57	37	0
Menindie	b	70	40	0
Mudgee..	n	67	30	0
Maitland	b	59	42	0
Hill End.	b	—	—	0
Newcast'e	o	67	47	0
Orange .	n	49	29	0
Bathurst	n	52	27	0
28 57				
Forbes	c	64	40	0
M.Vict'ria	b	50	32	0
Cond'b'in	c	43	30	0
Picton. ..	b	60	27	0
Carcoar..	g	50	34	0
Wentw'th	b	67	48	0
Young .	b	74	36	0
Woll'g'ng	b	64	45	0
Hay.....	b	66	34	0
Moss Vale	b	50	34	0
Euston .	b	69	47	0
Goulburn	g	61	33	0
Wagga ..	c	55	32	0
Cape Geo.	b	62	35	0
Queanb'n	b	58	28	0
Deniliq'n	g	63	33	0
Moruya..	b	59	35	0
Kiandra	n	51	—	0
Alb'ry	g	58	32	0
B'd'lla	n	65	25	0
Cooma	n	59	26	0
Eden	b	56	39	0
Gabo	—	—	—	—



WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·35 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 25 1882 with NOTES to 3 P.M.

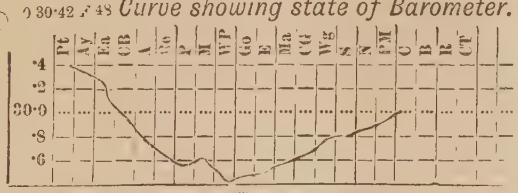
Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h 4m 47s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 25 . 27·136
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	72	37	0
T'nt'rfield	b	57	32	0
Moree ..	b	69	43	0
Grafton	b	75	39	0
Gl'n Inn's	b	54	33	0
Inverell ..	b	50	23	0
Bourke ..	-	—	—	—
Narrabri.	b	82	30	0
Armidale.	c	67	50	0
Bendem'r	g	55	27	0
Gunned'h	b	72	29	0
C'n'mble .	g	59	36	0
Tamw'rth	b	63	33	0
Coonab'n.	b	59	30	0
F.M'cqrie	b	64	45	0
W'lcannia	b	60	40	0
Murr'ndi	o	54	38	0
Cassilis ..	n	56	39	0
Mus'br'ok	b	64	38	0
Dubbo ..	-	—	—	—
Menindie	b	68	41	0
Mudgee ..	b	66	38	0
Maitland	b	60	47	0
Hill End .	g	65	—	0·12
Newcast'e	b	68	45	0
Orange .	c	50	34	0·20
Bathurst	o	66	41	0·07
18 55 Forbs	b	66	41	0
M.Vict'ria	c	49	33	0
Cond'b'in	b	50	27	0
Picton.	b	63	28	0
Carcoar	r	50	40	0·30
Wentw'th	b	68	40	0·14
Young	p	65	41	0·20
Woll'g'ng	..	—	—	—
Hay ..	b	67	34	0·19
Moss Vale	b	54	37	0·08
Euston	b	69	14	0·28
Goulburn	b	57	37	0·14
Wagga ..	g	61	40	0·19
Cape Geo.	b	67	39	0
Queanb'n	g	53	38	0·10
Deniliq'n	b	65	38	0·24
Moruya .	b	67	47	0
Kiandra	b	—	15	0
Alb'ry	-	—	—	—
B'd'lla	b	66	32	0
Cooma	b	57	33	0·22
Eden	-	—	—	—
Gabo	-	—	—	—

Curve showing state of Barometer.



Fine. Cloudy, T.storm, Raining.
wind N. and E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
z-Threatening

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

CLOUDY ON S.COAST.
SYDNEY b 65 52 Rain 0·06

28 30·01 F 46
28 50 A 14 29·90 K 43
18 49 M
28 45 P
56 45 CO
45 WP 42
28 53 C
PM 14 53
N 6 57
S 27 52
Wg
CG 56 51
Ma 28 53
E
Go
R
B

Barometers fallen about 0·30 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 26

Sydney Observatory.

Lat 33° 51′ 41″ S. *Long* 151° 12′ 36″ E.

Average Annual Rainfall for 21 years . . . 50·965.
Average for 24 years from Jan. 1st to June 30 . . 31·831
Total Rainfall from Jan. 1st to July 26 27·136
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x'm	R'in
Casino	b	76 53	0
T'nt'rfield	c	58 37	0
Moree	b	68 46	0
Grafton	b	74 45	0
Gl'n Inn's	c	55 37	0
Inverell..	o	53 32	0
Bourke..	b	68 45	0
Narrabri.	b	75 36	0
Armidale.	o	52 —	0
Bendem'r	g	56 38	9
Gunned'h	-	—	—
C'n'mble.	c	55 37	0
Tamw'rth	c	62 37	0
Coonab'n.	b	52 38	0
L.M'cq'rie	o	60 47	0
W'lcannia	o	60 41	0
Murr'ndi	b	55 49	0
Cassilis ..	c	55 47	0
Mus'br'ok	b	61 42	0
Dubbo ..	c	59 37	0
Menindie	b	64 39	0
Mudgee..	p	60 38	0·21
Maitland	b	59 53	0
Hill End .	-	— —	—
Newcast'e	b	72 48	0
Orange..	g	46 32	0·30
Bathurst	c	51 34	0·06
0 54			
Forbes	r	63 38	0·08
M.Victoria	g	41 31	0
Cond'bin	c	14 34	0
Picton.	q	57 41	0
Carcoar.	c	48 36	0·18
Wenew'th	b	59 38	0·10
Young	u	62 47	0·20
Woll g'ng	b	57 32	0
Hay....	b	67 36	0
Moss Vale	c	18 34	0·05
Liston	b	68 42	0
Goulburn	u	49,34	0·09
W agga ..	g	52 35	0·28
Cape ...	-	— —	—
Queanb'n	g	48 33	0·40
Deniliq'n	b	54 34	0·20
Moruya.	g	64 47	0
Kiandra	o	45 7	0
Albury	g	54 36	0·34
B'd'lla	b	50 —	0
Cooma	b	59 31	0·12
Eden	o	59 45	0·01
Gabo	r	—|—	0·62

23 30·54 R 54 ***Curve showing state of Barometer.***

JA FE MA AP MY JE JY AU SE OC NO DE

30·4 ·2 30·0 ·8 ·6 ·2 30·0

64 30·06—10

FINE GENERALLY.
SYDNEY c 57 48 Rain 0·06·0

42 30·17 R 43

28 29·88 38

42 29 71 — 41

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
k-Misty
m-Strong gale
n-Whole gale
p-Showery
q-Frost
r-Rain
s-Sleet or snow'rs
t-Thunder
u-Threatening

WIND SCALE
1-3 Light breeze
4-7 Moderate
8-11 Strong
12 Hurricane

TIME BALL
Dropped 1 p.m. S.M.T.
or 2 h. 30 m. G.M.T.
Greenwich Day, Fine
Mag. Var. 9° 30′ E.

Lat. and Long. as fixed about 0 24 on S. coast. For hours to 3 o'clock see under

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., JULY 27 1892 with Notes to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h* 4*m* 50 8*l*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 27 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	vn	R'in
Casino ..	b	66	31	0
T'nt'rfield	b	44	27	0
Moree ..	b	55	39	0
Grafton..	b	74	44	0
Gl'n Inn's	g	44	28	0
Inverell..	b	50	16	0
Bourke ..	g	60	40	0
Narrabri.	n	69	26	0
Armidale.	c	45	—	0
Bendem'r	g	45	32	0
Gunned'h	–	—	—	–
C'n'mble.	b	51	27	0
Tamw'rth	c	53	31	0·02
Coonab'n.	o	50	31	0
P.M'cqrie	c	61	41	0
W'lcannia	o	60	46	0
Murr'ndi	b	43	32	0
Cassilis ..	c	41	—	0
Mus'br'ok	g	58	34	0
Dubbo ..	u	57	34	0
Menindie	b	56	32	0·06
Mudgee..	u	53	33	0
Maitland	u	56	46	0
Hill End.	–	—	—	—
Newcast'e	g	73	40	0
Orange ..	o	40	28	0·18
Bathurst	u	41	33	0
8 54 Forbs	g	55	32	0
M.Vict'ria	g	33	29	0
Cond'b'in	c	37	32	0
Picton. ..	q	51	40	0
Carcoar..	g	42	33	0·10
Wentw'th	b	51	35	0·02
Young ..	b	62	32	0·09
Woll'g'ng	b	59	35	0
Hay.....	b	—	32	0
Moss Vale	–	—	—	—
Euston ..	n	53	39	0
Goulburn	b	49	30	0·01
Wagga ..	n	48	25	0·01
Cape Geo.	–	—	—	—
Queanb'n	n	40	30	0
Deniliq'n	b	48	30	0·02
Moruya ..	b	62	38	0
Kiandra	n	43	—	0

Alb'ry	n	46	24	0
B'd'lla	b	53	33	0
Cooma	n	46	28	0
Eden	b	50	41	0 01
Gabo	g	—	—	0·42

Curve showing state of Barometer.

34 30·59 R 45

Pt Ay Es CB A Re P M WP Go E Ma CG WS S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

64 30·13 R 41

CLOUDY GENERALLY.

SYDNEY c 54 43 Rain 0·000

28 30·36 R 40

0 30·18 R 35

14 29·96 R 28

Wind Scale. 13-Li't brze 23-Mod. ,, 34-Fresh ,, 56-Strg gale 65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0 40 on S.E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

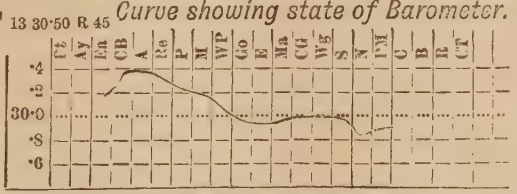
COMPILED from TELEGRAMS for 9 A.M., JULY 28 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81 *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 28 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	m'x	mn	R'in
Casino ..	b	60	33	0
T'nt'rfield	b	38	25	0
Moree ..	b	50	32	0
Grafton..	b	73	43	0
Gl'n Inn's	b	39	21	0
Inverell..	b	44	16	0
Bourke ..	n	70	37	0
Narrabri:	n	50	23	0
Armidale.	b	35	—	0
Bendem'r	g	38	25	0
Gunned'b	-	—	—	-
C'n'mble .	c	45	37	0
Tamw'rth	.	-	—	—
Coonab'n.	b	45	31	0
P.M'cqrie	o	50	42	0
W'lcannia	n	65	35	0
Murr'ndi	g	43	27	0
Cassilis ..	b	42	32	0
Mus'br'ok	b	52	32	0
Dubbo ..	n	49	35	0
Menindie	n	54	30	0
Mudgee..	b	58	30	0
Maitland	b	52	45	0
Hill End .	b	—	-	0
Newcast'e	b	58	39	0
Orange ..	b	37	28	0·02
Bathurst	n	41	28	0
- 50				
Forbs	b	56	35	0
M.Vict'ria	n	35	28	0
Cond'b'in	b	32	21	0
Picton. ..	b	51	40	0
Carcoar..	n	40	30	0
Wentw'th	b	53	31	0
Young ..	n	62	27	0
Woll'g'ng	-	—	—	—
Hay.....	b	65	30	0
Moss Vale	n	42	29	0
Euston ..	b	56	41	0
Goulburn	b	54	28	0
Wagga ..	b	45	24	0
Cape Geo.	b	63	35	0
Queanb'n	n	43	32	0
Deniliq'n	b	48	29	0
Moruya..	b	58	40	0
Kiandra	n	58	—	0

Albury	b	52	24	0
B'd'lla	b	53	38	0
Cooma	n	41	30	0·11
Eden	b	56	41	0·14
Gabo	p	—	-	0·67

CLOUDY ON S.COAST.
SYDNEY b 53 43 Rain 0·0·0

14 30·23 R 47
14 30·42 R 37
14 30·18 S 35
14 30 08 R 35

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh .,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m, SMT or 2h.55m.9·19s,a,m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 0·15 on S.E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

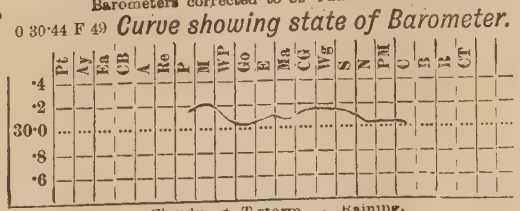
COMPILED from TELEGRAMS for 9 A.M., JULY 29 ,, 2 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h. 4m. ... E.

Average Annual Rainfall for 21 years ... 50·065.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 29 and Mean Sea Level 27·125
Barometers corrected to 32° Fah

0 30·44 F 49 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·23 S 44

FINE GENERALLY
SYDNEY b 56 44 Rain 0·000

28 30·37 F 41

0 30·30 R 38

14 30·16 R 35

WEATHER.
b-Blue sky.
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
i-Lightning
m-Misty
n-Strg gale
o-Frost
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
55-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s p.m.
Greenwich Mn. Time
MAG. VAR. 9° 35′ 30″ E

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	vo	R'in
Casino ..	b	80	48	0
T'nt'rfield	b	44	29	0
Moree ..	b	60	25	0
Grafton..	b	69	40	0
Gl'n Inn's	b	50	18	0
Inverell..	b	45	13	0
Bourke ..	b	66	34	0
Narrabri.	n	41	22	0
Armidale.	n	43	--	0
Bendem'r	n	45	24	0
Gunned'h	b	75	19	0
C'n'mble.	b	50	26	0
Tamw'rth	o	55	21	0
Coonab'n.	n	53	24	0
P.M'cqrie	b	60	43	0
W'leannia	b	55	35	0
Murr'ndi	b	48	36	0
Cassilis ..	b	50	23	0
Mus'br'ok	n	58	26	0
Dubbo ..	b	48	32	0
Menindie	b	61	30	0
Mudgee..	n	65	26	0
Maitland	b	57	45	0
Hill End.	-	—	—	—
Newcast'e	b	67	43	0
Orange ..	b	41	27	0
Bathurst	n	48	23	0
23 43				
Forbs	b	53	30	0
M.Vict'ria	n	43	27	0
Cond'b'in	n	—	25	0
Picton. ..	b	56	32	0
Carcoar..	n	43	28	0
Wentw'th	c	54	36	0
Young ..	n	67	20	0
Woll'g'ng	c	60	44	0
Hay.....	c	65	28	0
Moss Vale	-	-	—	—
Euston ..	c	89	24	0
Goulburn	b	50	23	0
Wagga ..	n	50	27	0
Cape Geo.	b	60	37	0
Queanb'n	n	47	27	0
Deniliq'n	g	50	31	0
Moruya ..	b	57	34	0
Kiandra	b	50	—	0

Albury	b	52	25	0
B'd'lla	b	57	33	0
Cooma	n	45	23	0
Eden	-	51	43	-
Gabo	--	—	—	—

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., JULY 31 1882 with Notes to 3 P.M.

Sydney Observatory

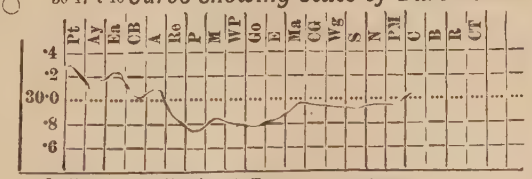
Lat. 33° 51′ 41″ S. ; *Long.* 10h 4m 50s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to July 31 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	c	74	27	0
T'nt'rfield	n	59	23	0
Moree ..	b	64	34	0
Grafton..	b	68	33	0
Gl'n Inn's	b	52	19	0
Inverell..	b	50	28	0
Bourke ..	b	64	41	0
Narrabri:	n	70	23	0
Armidale.	b	50	—	0
Bendem'r	n	54	24	0
Gunned'h	b	62	23	0
C'n'mble.	b	55	26	0
Tamw'rth	–	—	—	—
Coonab'n.	b	58	20	0
F.M'cqrie	b	62	41	0
W'lcannia	b	55	45	0
Murr'ndi	b	50	27	0
Cassilis ..	b	50	26	0
Mus'br'ok	b	61	31	0
Dubbo ..	b	51	33	0
Menindie	b	62	36	0
Mudgee..	f	67	26	0
Maitland	b	56	46	0
Hill End .	.	—	—	—
Newcast'e	b	64	41	0
Orange ..	p	43	32	0·01
Bathurst	b	56	23	0·02
13 50				
Forbs	b	63	39	0
M,Vict'ria	c	46	32	0
Cond'b'in	b	46	30	0
Picton. ..	b	55	25	0
Carcoar..	c	44	29	0·10
Wentw'th	b	59	40	0·04
Young ..	b	60	35	0
Wolf'g'ng	c	61	42	0
Hay.....	r	64	35	0·31
Moss Vale	b	47	31	0·03
Euston ..	g	60	28	0
Goulburn	g	45	29	0
Wagga ..	c	47	24	0·11
Cape Geo.	b	59	31	0
Queanb'n	n	43	27	0·04
Deniliq'n	r	51	31	0·04
Moruya..	b	55	39	0·05
Kiandra	s	57	5	0

Albury	c	54	29	0·47
B'd'lla	g	59	25	0·01
Cooma	b	45	27	0
Eden	c	52	44	0·01
Gabo	g	—	—	—

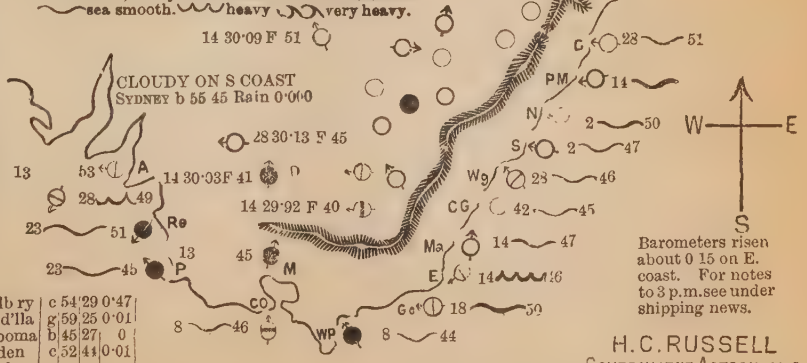
30·47 & 46 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.



Barometers risen about 0 15 on E. coast. For notes to 3 p.m. see under shipping news.

WIND SCALE.

1-Light breeze
2-Moderate ,,
3-Fresh ,,
5-Strong gale
6-Whole ,,

WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL

Drops at 1 p.m, S M T or 2h. 55m. 9·19s, a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 1 1882 with NOTES to 3 P.M.

Sydney Observatory

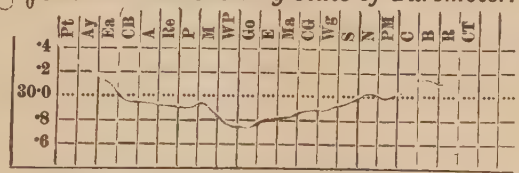
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 1 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	o	73	29	0
T'nt'rfield	b	54	26	0
Moree ..	c	66	35	0
Grafton..	b	70	34	0
Gl'n Inn's	b	53	22	0
Inverell..	b	50	15	0
Bourke ..	b	64	44	0
Narrabri.	n	60	27	0
Armidale.	b	49	—	0
Bendem'r	c	54	25	0
Gunned'h	-	—	—	—
C'n'mble.	g	—	—	—
Tamw'rth	b	61	29	0
Coonab'n.	b	56	30	0
F.M'cqrie	b	68	44	0
W'lcannia	g	60	30	0
Murr'ndi	b	53	35	0
Cassilis ..	g	54	40	0
Mus'br'ok	b	62	38	0
Dubbo ..	c	49	33	0
Menindie	b	62	36	0
Mudgee..	g	64	36	0
Maitland	b	77	47	0
Hill End .	b	—	—	—
Newcast'e	b	67	41	0
Orange ..	p	44	35	0·04
Bathurst	b	50	32	0
8 55				
Forbs	g	63	30	0
M.Vict'ria	c	41	35	0
Cond'b'in	b	44	33	0
Picton. ..	b	56	35	0
Carcoar..	r	45	33	0·25
Wentw'th	b	59	40	0
Young ..	g	66	39	0·33
Woll'g'ng	b	66	43	0
Hay.....	c	64	35	0·06
Moss Vale	g	46	36	0
Euston ..	-	—	—	—
Goulburn	b	49	37	0·06
Wagga ..	d	51	38	0·10
Cape Geo.	b	60	33	0
Queanb'n	c	46	30	0
Deniliq'n	b	53	39	0·01
Moruya ..	b	63	40	0
Kiandra	s	41	10	0

Albury	s	48	38	0·20
B'd'lla	b	61	25	0
Cooma	n	52	25	0
Eden	b	54	40	0
Gabo	c	—	—	0·01

30·37R 60 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY ON S COAST
SYDNEY b 50 48 Rain 0·00

0 30·12 R 50
14 30·19 R 45
0 30·10R 42
14 29 94 R 47

WEATHER.
b-Blue sky ..
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

M'ls WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·08 on S. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 2 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h. 4m 50 s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 2 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	vn	r'in
Casino ..	-	—	—	—
T'nt'rfield	o	54	28	0
Moree ..	b	68	41	0
Grafton .	b	70	35	0
Gl'n Inn's	g	52	26	0
Inverell ..	b	50	20	0
Bourke ..	b	62	43	0
Narrabri .	g	72	31	0
Armidale.	g	58	—	0
Bendem'r	c	53	38	0
Gunned'h	-	—	—	—
C'n'mble .	n	62	56	0
Tamw'rth	-	—	—	—
Coonab'n.	b	55	30	0
F.M'cqrie	b	67	44	0
W'lcannia	b	50	30	0
Murr'ndi	b	52	39	0
Cassilis ..	b	52	36	0
Mus'br'ok	g	63	35	0
Dubbo ..	g	49	34	0
Menindie	b	62	34	0
Mudgee..	f	60	31	0
Maitland	b	59	49	0
Hill End .	g	—	—	—
Newcast'e	b	68	40	0
Orange .	g	44	33	0
Bathurst	b	50	33	0
Forbs	b	62	42	0
M.Vict'ria	..	—	—	0
Cond'b'in	b	43	33	0
Picton. ..	b	59	27	0
Carcoar..	g	46	38	0·05
Wentw'th	b	62	39	0·04
Young ..	c	64	38	0·07
Woll'g'ng	b	65	45	0
Hay.....	c	63	40	0
Moss Vale	n	46	32	0
Euston ..	b	42	36	0·02
Goulburn	b	51	29	0·02
Wagga ..	c	53	37	0
Cape Geo.	b	65	30	0·03
Queanb'n	n	47	31	0
Deniliq'n	b	57	39	0
Moruya ..	b	63	37	0
Kiandra	s	50	10	0

Alb'ry	r	55	37	0·12
B'd'lla	n	63	25	0
Cooma	n	58	26	0
Eden	b	59	40	0
Gabo	b	—	—	0

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R GT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

8 30·35 F 55

13 30·13 R 54

CLOUDY ON S COAST
SYDNEY b 62 42 Rain 0·000

14 30·25 R 43

14 30·11R 45

9 30·01 R 45

WIND SCALE.
13-Li't breze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S.M.T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUGUST 3 1892 with Notes to 3 P.M.

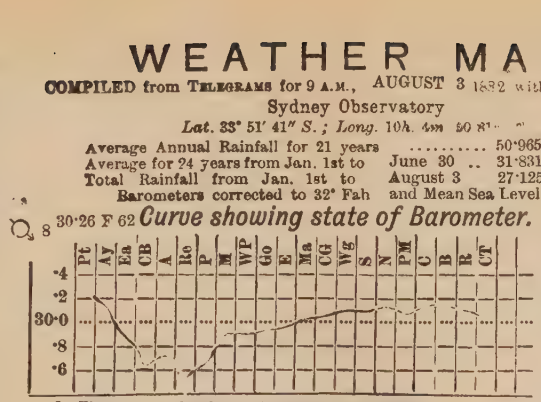
Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m* 50 8[illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 3 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	mn	R'in
Casino ..	o	72	29	0
T'nt'rfield	b	52	29	0
Moree ..	b	65	46	0
Grafton..	b	71	34	0
Gl'n Inn's	b	50	27	0
Inverell..	b	50	18	0
Bourke ..	b	67	40	0
Narrabri	b	71	28	0
Armidale.	b	48	—	0
Bendem'r	b	54	30	0
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	b	63	38	0
Coonab'n.	b	58	25	0
P.M'cqrie	b	62	38	0
W'lcannia	b	55	45	0
Murr'ndi	b	59	31	0
Cassilis ..	b	54	34	0
Mus'br'ok	b	60	35	0
Dubbo ..	n	50	33	0
Menindie	b	65	37	0
Mudgee..	n	62	29	0
Maitland	b	59	47	0
Hill End .	b	—	—	—
Newcast'e	b	71	39	0
Orange .	n	46	30	0·05
Bathurst	n	51	26	0
Forbs	b	64	41	0
M.Vict'ria	n	44	30	0
Cond'b'in	b	42	33	0
Picton. ..	b	57	28	0
Carcoar..	n	48	38	0
Wentw'th	g	67	42	0
Young ..	b	61	30	0·04
Woll'g'ng	b	64	43	0
Hay.....	c	63	36	0
Moss Vale	b	49	33	0
Euston ..	b	60	30	0
Goulburn	b	52	28	0
Wagga ..	b	53	27	0
Cape Geo.	b	64	31	0
Queanb'n	n	48	40	0
Deniliq'n	b	56	38	0
Moruya ..	b	59	37	0
Kiandra	b	45	9	0

Albury	g	50	30	0·01
B'd'lla	n	64	23	0
Cooma	b	59	38	0
Eden	n	55	22	0
Gabo	b	—	—	0·06



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

MT's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s,a.m.
Greenwich Mn.Time
MAG.VAR.9°35′30″ E

CLOUDY ON S COAST
SYDNEY b 60 46 Rain 0·000

28 30·15 R 53
28 30·05 F 49
14 30·13R 43
9 30·07 R 38

Barometers risen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 4 1882 with NOTES to 3 P.M.

Sydney Observatory

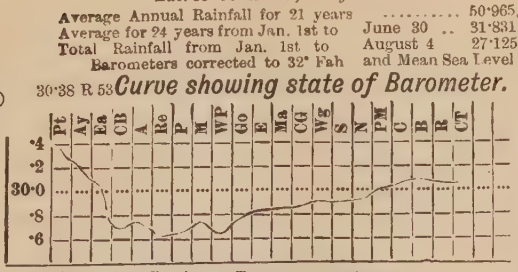
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·1s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831.
Total Rainfall from Jan. 1st to August 4 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vo	R'in
Casino ..	o	74	26	0
T'nt'rfield	b	58	24	0
Moree ..	b	71	39	0
Grafton.	b	71	35	0
Gl'n Inn's	b	58	24	0
Inverell ..	b	50	19	0
Bourke ..	g	66	50	0
Narrabri	b	81	31	0
Armidale.	b	52	—	0
Bendem'r	g	55	25	0
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	b	64	25	0
Coonab'n.	n	62	26	0
F.M'cqrie	b	62	38	0
W'lcannia	b	60	40	0
Murr'ndi	c	54	33	0
Cassilis ..	c	54	32	0
Mus'br'ok	g	63	35	0
Dubbo ..	g	53	37	0
Menindie	b	63	40	0·13
Mudgee..	g	66	34	0
Maitland	b	59	49	0
Hill End .	g	—	—	—
Newcast'e	g	68	38	0
Orange .	g	45	32	0
Bathurst	g	56	30	0
8 56 Forbes	g	65	43	0
M. Vict'ria	b	47	34	0
Cond'b'rin	g	49	31	0
Picton. ..	g	58	32	0
Carcoar..	g	48	37	0
Wentw'th	b	59	39	0·01
Young ..	p	66	40	0
Woll'g'ng	g	66	44	0
Hay.....	b	—	—	0·05
Moss Vale	g	50	34	0
Euston ..	b	62	38	0·11
Goulburn	g	55	31	0
Wagga ..	r	55	34	0·33
Cape Geo.	g	62	35	0
Queanb'n	g	48	38	0·05
Deniliq'n	g	55	42	0·19
Moruya ..	g	62	42	0
Kiandra	s	59	10	0

Albury	-	—	—	—
B'd'lla	-	—	—	—
Cooma	c	59	33	0
Eden	r	54	43	0·02
Gabo	r	—	—	0·08

30·38 R 53 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 29·98 F 54

CLOUDY ON COAST
SYDNEY g 60 42 Rain 0·000

28 29·93 F 44

28 29·90 F 45

3 49 A 34 45 23 48 Rv 23 48 13 P 49 M 8 48 CO 49 WP 13 45 Ma 14 48 E 28 48 Go 23 53 CG 28 54 Wg 14 52 S 3 52 N 2 44 PM 14 45 C 14 48 B 3 51 R 3 49

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·18 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

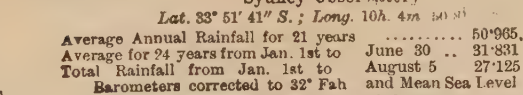
COMPILED from TELEGRAMS for 9 A.M., AUGUST 6 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 5 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	M'x	M'n	R'in
Casino ..	o	71	41	0
T'nt'rfield	b	60	36	0
Moree ..	b	64	44	0
Grafton..	b	74	40	0
Gl'n Inn's	b	57	37	0
Inverell..	b	50	30	0
Bourke ..	b	72	44	0
Narrabri.	b	80	31	0
Armidale.	c	52	—	0
Bendem'r	g	53	31	0
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	-	—	—	—
Coonab'n,	g	59	31	0
P.M'cqrie	-	—	—	0
W'lcannia	b	50	40	0
Murr'ndi	b	55	33	0
Cassilis ..	c	45	34	0
Mus'br'ok	g	65	41	0
Dubbo ..	g	51	40	0
Menindie	b	62	39	0·27
Mudgee..	g	65	35	0
Maitland	g	61	47	0
Hill End .	s	—	—	—
Newcast'e	b	68	39	0
Orange .	s	48	33	0
Bathurst	g,	54	35	0·20
Forbs	p	65	44	0·14
M.Vict'ria	g	50	32	0
Cond'b'in	r	45	32	0·01
Picton..	g	59	32	0
Carcoar..	s	49	36	0·23
Wentw'th	b	58	40	0·12
Young ..	p	57	38	0·22
Woll'g'ng	.	—	—	—
Hay.....	g	63	41	0·19
Moss Vale	r	52	37	0·04
Euston ..	g	58	33	0·09
Goulburn	g	53	32	0·04
Wagga ..	c	52	37	0·47
Cape Geo.	b	60	34	0
Queanb'n	n	44	34	0·26
Deniliq'n	d	55	39	0·14
Moruya ..	b	60	38	0
Kiandra	c	43	10	0

Albury	p	54	40	0·25
B'd'lla	b,	60	31	0
Cooma	n	52	28	0
Eden	b	55	40	0
Gabo	c	—	—	0·09

Mi's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

28 29·94 F 54

CLOUDY ON COAST
SYDNEY g 54 48 Rain 0·000

28 29·99 R 44

14 29·85 F 44

14 29·71— 43

34—50 P 8 47 M

13—50 CO

WP 3—47

Go 13—51

E 14—46

Ma 14—42

CG 42—50

Wg

S 4—55

N 4—55

PM

C 56—59

B

R

A

Re

W E S

Barometers fallen about 0·29 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

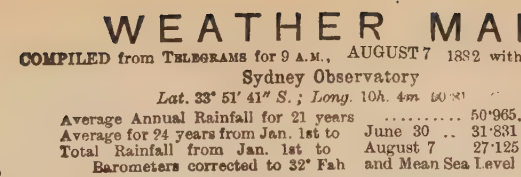
COMPILED from TELEGRAMS for 9 A.M., AUGUST 7 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m* 50·81

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 7 27·125
Barometers corrected to 32° Fah and Mean Sea Level

8 30 30 F 51 *Curve showing state of Barometer.*



Fine, Cloudy, T.storm, Raining,
wind N. and E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 29·79 F 55

CLOUDY GENERALLY
SYDNEY b 60 41 Rain 0·000

28 30·02 R 43

14 29·94R 46

14 29·85 R 43

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T
or 2h.55m.9·19s,a.m,
Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

Barometers risen about 0·23 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	vn	R'in
Casino ..	o	74	31	0
T'nt'rfield	b	53	38	0
Moree ..	b	65	47	0
Grafton..	b	73	34	0
Gl'n Inn's	g	52	26	0
Inverell..	b	57	20	0
Bourke ..	b	74	47	0
Narrabri:	c	78	29	0
Armidale.	g	49	—	0
Bendem'r	c	52	31	0
Gunned'h	-	—	—	—
C'n'mble.	-	60	40	0
Tamw'rth	..	—	—	—
Coonab'n.	g	55	24	0·53
F.M'cqrie	b	64	39	0
W'lcannia	c	45	40	0·12
Murr'ndi	b	52	32	0
Cassilis ..	g	54	34	0
Mus'br'ok	g	64	30	0
Dubbo ..	g	56	43	0
Menindie	c	63	45	0·35
Mudgee..	g	62	34	0
Maitland	b	61	44	0
Hill End.	g	—	—	—
Newcast'e	b	67	41	0
Orange .	p	46	37	0·01
Bathurst	g	59	30	0·10
Forbs	r	64	40	0·00
M.Vict'ria	n	45	30	0
Cond'b'in	g	45	32	0·19
Picton. ..	b	58	26	0
Carcoar..	g	46	39	0
Wentw'th	p	60	42	0·24
Young ..	c	64	38	0·03
Woll'g'ng	-	—	—	—
Hay.....	r	61	40	0·57
Moss Vale	-	—	—	—
Euston ..	b	67	34	0·16
Goulburn	b	51	26	0
Wagga ..	p	53	34	0
Cape Geo.	b	64	31	0·07
Queanb'n	n	53	33	0
Deniliq'n	g	58	39	0
Moruya ..	g	64	38	0
Kiandra	-	—	—	—
Albury	g	59	52	0·13
B'd'lla	o	63	29	0
Cooma	n	55	21	0
Eden	b	57	44	0
Gabo	c	—	-	0·51

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 8 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50 81

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 8 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	75	34	0
T'nt'rfield	g	58	36	0
Morce ..	b	64	50	0
Grafton..	b	74	42	0
Gl'n Inn's	g	54	35	0·19
Inverell..	b	58	20	0
Bourke ..	b	73	43	0·12
Narrabri.	b	79	33	0
Armidale.	d	50	—	0·17
Bendem'r	r	53	35	0·50
Gunned'h	-	—	—	—
C'n'mble .	b	60	38	0·03
Tamw'rth	..	—	—	—
Coonab'n.	g	54	40	0·13
P.M'cqrie	b	62	43	0
W'lcannia	c	50	45	0
Murr'ndi	g	50	37	0·30
Cassilis ..	g	52	41	0·07
Mus'br'ok	c	59	38	0
Dubbo ..	g	54	46	0·54
Menindie	b	58	46	0
Mudgee..	g	58	38	0·35
Maitland	b	53	49	0
Hill End .	g	—	—	0·35
Newcast'e	b	69	42	0
Orange .	p	45	35	0·30
Bathurst	b	42	33	0·15
8 52				
Forbs	c	62	40	0·13
M.Vict'ria	n	45	31	0
Cond'b'in	g	41	37	0·09
Picton. ..	b	57	32	0
Carcoar..	g	45	39	0·22
Wentw'th	b	57	42	0
Young ..	p	60	37	0·27
Woll'g'ng	b	63	45	0
Hay.....	b	57	39	0
Moss Vale	b	50	34	0·12
Euston ..	b	59	31	0·03
Goulburn	b	55	31	0·01
Wagga ..	d	50	39	0·10
Cape Geo.	p	62	36	0·39
Queanb'n	g	49	35	0
Deniliq'n	b	59	33	0
Moruya ..	g	60	39	0·05
Kiandra	n	57	5	0
Albury	-	—	—	—
B'd'lla	o	63	32	0·03
Cooma	n	52	27	0
Eden	g	57	44	0
Gabo	b	—	-	0·25

0 30·46 R 54 *Curve showing state of Barometer.*

PE AY Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·13 R 52

CLOUDY GENERALLY
SYDNEY b 60 44 Rain 0·000

13 30·33 R 45

14 30·11R 40

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 14 53 C 42 51 PM 3 51 N 20 49 S 28 51 W 42 49 CG 14 45 Ma 14 47 E 23 53 Ge

W E S

Barometers risen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 9 1892 with NOTES to 3 P.M.

Sydney Observatory

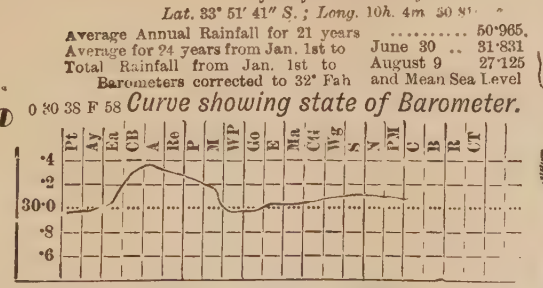
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 30 81 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 9 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	o	72	30	0
T'nt'rfield	b	52	25	0
Moree ..	b	61	38	0
Grafton ..	b	70	42	0
Gl'n Inn's	b	49	24	0
Inverell ..	b	59	25	0
Bourke ..	b	71	39	0
Narrabri :	b	67	26	0
Armidale.	b	43	—	0
Bendem'r	b	47	34	0·02
Gunned'h	-	—	—	—
C'n'mble .	b	56	28	0
Tamw'rth	b	54	31	0
Coonab'n.	n	50	22	0
F.M'cqrie	o	64	47	0
W'lcannia	b	50	40	0
Murr'ndi	b	49	35	0
Cassilis ..	b	49	35	0·06
Mus'br'ok	b	59	34	0·02
Dubbo ..	b	52	37	0
Menindie	b	56	46	0
Mudgee..	n	74	30	0·03
Maitland	b	59	51	0
Hill End .	g	—	—	0·24
Newcast'e	b	69	43	0·01
Orange .	c	50	35	0·02
Bathurst	g	49	37	0·06
13 53				
Forbs	b	64	44	0
M.Vict'ria	n	46	32	0
Cond'b'in	n	40	31	0
Picton. ..	b	57	30	0
Carcoar..	g	46	40	0·15
Wentw'th	b	59	36	0
Young ..	g	63	35	0·06
Woll'g'ng	b	—	—	—
Hay.....	b	51	—	0
Moss Vale	n	47	35	0·05
Euston ..	b	61	28	0
Goulburn	g	53	35	0
Wagga ..	b	54	30	0
Cape Geo.	b	52	31	0·52
Queanb'n	g	50	34	0·05
Deniliq'n	b	58	33	0
Moruya ..	b	58	41	0·04
Kiandra	s	55	—	0

Albury	b	54	32	0
B'd'lla	b	64	35	0·02
Cooma	n	54	30	0
Eden	g	64	44	0·13
Gabo	g	—	—	0·13

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY GENERALLY
SYDNEY b 58 44 Rain 0·000

14 30·19 R 55
28 30·39 R 42
28 30·23 R 41
14 30·07 —44
28 50
42 54
3 52
8 49
14 45
14 46
14 48
18 52
28
18 46
28 46
18 46
47
18
46
47
0

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 10 1892 with NOTES to 3 P.M.

Sydney Observatory

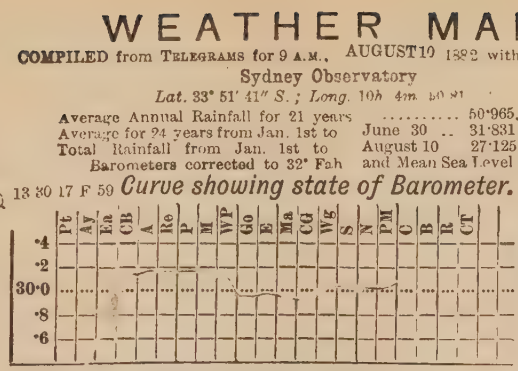
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 10 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	v'n	r'in
Casino ..	o	71	30	0
T'nt'rfield	n	53	24	0
Moree ..	b	63	39	0
Grafton..	b	72	37	0
Gl'n Inn's	n	57	19	0
Inverell..	b	53	19	0
Bourke ..	b	64	33	0
Narrabri.	b	72	27	0
Armidale.	b	50	—	0
Bendem'r	b	53	28	0
Gunned'h	-	—	—	—
C'n'mble.	b	56	26	0
Tamw'rth	b	62	26	0
Coonab'n.	n	52	22	0
P.M'cqrie	o	64	40	0
W'lcannia	b	55	40	0
Murr'ndi	b	53	30	0
Cassilis ..	b	52	30	0
Mus'br'ok	b	32	32	0
Dubbo ..	n	49	36	0
Menindie	b	62	35	0
Mudgee..	b	61	31	0
Maitland	b	60	50	0
Hill End .	b	—	—	0
Newcast'e	b	70	46	0
Orange .	n	45	30	0
Bathurst	b	50	29	0
Forbs	n	59	38	0
M.Vict'ria	n	45	27	0
Cond'b'in	n	—	30	0
Picton. ..	b	59	32	0
Carcoar..	b	45	35	0
Wentw'th	b	56	30	0
Young ..	n	64	27	0
Woll'g'ng	b	65	42	0
Hay.....	n	56	30	0
Moss Vale	b	50	30	0
Euston ..	b	61	20	0
Goulburn	b	51	29	0·01
Wagga ..	b	52	25	0
Cape Geo.	b	61	30	0
Queanb'n	n	48	28	0
Deniliq'n	b	54	30	0
Moruya..	b	61	31	0
Kiandra	b	61	3	0

Albury	b	54	28	0
B'd'lla	b	60	25	0
Cooma	n	51	21	0
Eden	b	50	41	0·08
Gabo	p	—	—	0·26

13 30 17 F 59 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·13 F 48

FINE GENERALLY
SYDNEY b 61 45 Rain 0·00

14 30·31 E 45

0 30·24 R 35

14 30·08 R 40

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·03 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

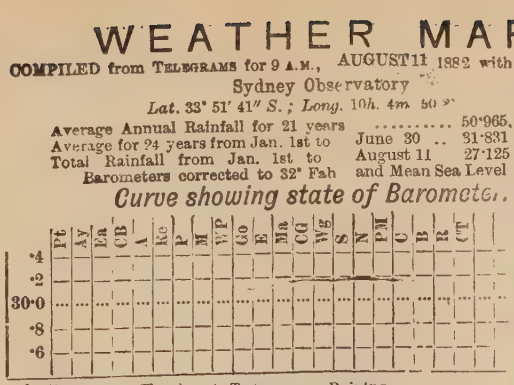
COMPILED from TELEGRAMS for 9 A.M., AUGUST 11 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 11 27·125
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	o	70	33	0
T'nt'rfield	c	58	26	0
Moree ..	g	62	34	0
Grafton.	b	73	38	0
Gl'n Inn's	g	55	21	0
Inverell ..	b	58	20	0
Bourke ..	g	61	46	0·01
Narrabri.	r	73	29	0
Armidale.	g	48	—	0
Bendem'r	c	52	26	0
Gunned'h	-	—	—	—
C'n'mble.	g	50	25	0·02
Tamw'rth	g	60	26	0
Coonab'n.	g	52	24	0·01
F.M'cqrie	c	61	40	0
W'lcannia	b	50	35	0·10
Murr'ndi	g	51	30	0
Cassilis ..	g	52	30	0
Mus'br'ok	g	60	30	0
Dubbo ..	g	48	32	0
Menindie	-	—	—	—
Mudgee..	g	60	35	0
Maitland	g	57	45	0
Hill End .	g	—	—	0
Newcast'e	c	67	46	0
Orange .	g	42	32	0
Bathurst	g	51	30	0
Forbs	g	60	40	0
M.Vict'ria	g	44	31	0
Cond'b'in	r	—	31	0
Picton. ..	g	56	30	0
Carcoar..	g	44	34	0
Wentw'th	-	—	—	—
Young ..	g	69	34	0
Woll'g'ng	c	61	45	0
Hay.....	r	51	30	0
Moss Vale	n	48	34	0
Euston ..	g	64	26	0
Goulburn	c	58	30	0
Wagga ..	c	51	31	0
Cape Geo.	b	57	35	0
Queanb'n	n	49	30	0
Deniliq'n	g	56	35	0
Moruya ..	g	59	36	0
Kiandra	n	49	5	0
Albury	g	57	29	0
B'd'lla	g	55	27	0
Cooma	n	51	22	0
Eden	b	54	48	0·04
Gabo	g	—	—	0·13



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·03 F 49

CLOUDY GENERALLY
SYDNEY g 58 43 Rain 0·00

0 30·14 R 44

0 30·11 R 39

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
M's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
66-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUGUST 12 1882 with NOTES to 3 P.M.

Sydney Observatory

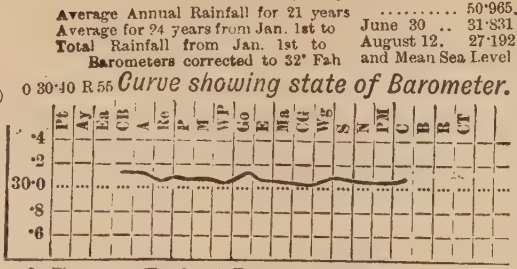
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50 *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 94 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 12. 27·192
Barometers corrected to 32° Fah and Mean Sea Level

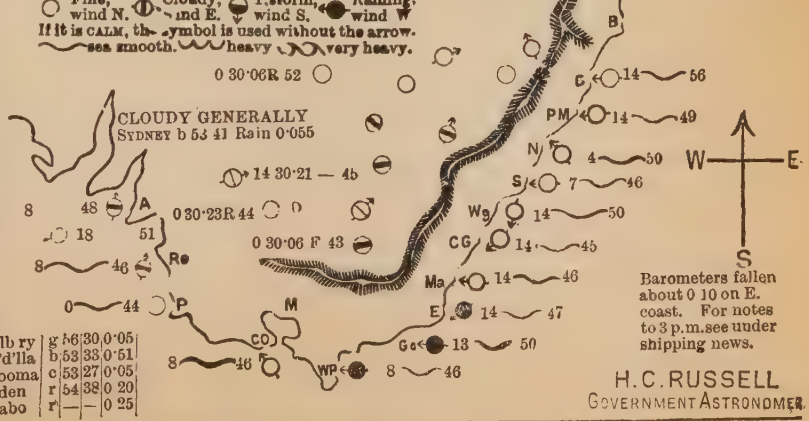
Stations.	wt'	m'x	yn	R'in
Casino ..	o	71	39	0
T'nt'rfield	b	57	34	0
Moree ..	b	52	34	0·02
Grafton..	b	73	13	0
Gl'n Inn's	b	54	38	0·34
Inverell..	b	59	30	0·30
Bourke ..	n	60	41	0
Narrabri..	b	70	30	0·05
Armidale.	b	46	—	0·16
Bendem'r	g	42	30	0·30
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	b	45	30	0·27
Coonab'n.	n	48	24	0
F.M'cqrie	b	54	40	0
W'lcannia	b	60	45	0
Murr'ndi	b	45	32	0
Cassilis ..	b	45	29	0
Mus'br'ok	b	60	28	0
Dubbo ..	b	54	35	0
Menindie	c	62	44	0·13
Mudgee..	b	50	30	0
Maitland	b	54	44	0
Hill End .	b	—	—	0·35
Newcast'e	b	68	38	0
Orange .	c	40	31	0·12
Bathurst	g	42	33	0·14
Forbs	c	47	39	0
M.Vict'ria	b	39	33	0·30
Cond'b'in	g	42	31	0·10
Picton. ..	b	54	31	0·02
Carcoar..	g	44	35	0·18
Wentw'th	b	54	44	0·04
Young ..	c	62	35	0·20
Woll'g'ng	b	58	38	0·40
Hay.....	b	48	40	0
Moss Vale	b	47	31	0·10
Euston ..	g	55	37	0
Goulburn	g	48	36	0·06
Wagga ..	c	50	36	0·08
Cape Geo.	b	55	30	1·15
Queanb'n	c	45	34	0·15
Deniliq'n	b	50	40	0
Moruya..	b	58	40	0·57
Kiandra	n	45	0	0

Alb'ry	g	56	30	0·05
B'd'lla	b	53	33	0·51
Cooma	c	53	27	0·05
Eden	r	54	38	0 20
Gabo	r	—	—	0 25

0 30·40 R 55 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE. M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Str. gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s, a.m, Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

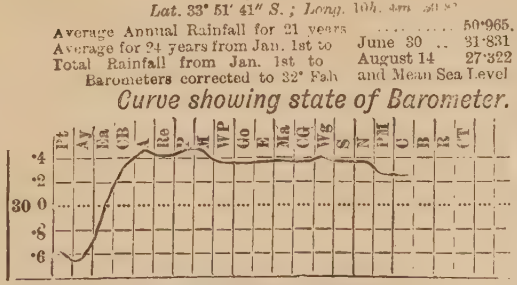
COMPILED from TELEGRAMS for 9 A.M., AUGUST 14 1892 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h. 4m. 50s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 14 .. 27·322
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	m'x	l'y	n	r'in
Casino ..	o	73	31		0
T'nt'rfield	b	62	67		0
Moree ..	b	62	41		0
Grafton.	b	72	42		0
Gl'n Inn's	b	57	31		0
Inverell ..	b	59	22		0
Bourke ..	b	68	39		0
Narrab'i.	b	72	29		0
Armidale.	b	54	—		0
Bendem'r	c	57	35		0
Gunned'h	-	—			—
C'n'mble .	-	—	—		—
Tamw'rth	b	59	33		0
Coonab'n.	b	53	33		0
F.M'cqrie	q	64	45		0·23
W'lcannia	b	30	40		0
Murr'ndi	b	55	34		0
Cassilis ..	b	54	32		0
Mus'br'ok	b	65	40		0
Dubbo ..	b	54	35		0
Menindie	b	60	38		0
Mudgee..	a	67	28		0
Maitland	b	60	51		0·19
Hill End .	b	—	—		0·25
Newcast'e	b	66	45		1·45
Orange .	b	45	29		0
Bathurst	n	55	26		0·10
34 63					
Forbs	b	52	36		0
M.Vict'ria	n	46	30		0
Cond'b'in	n	—	31		0
Picton. ..	n	57	30		0·22
Carcoar..	n	48	30		0
Wentw'th	b	60	33		0
Young ..	b	66	30		0
Woll'g'ng	b	65	44		0
Hay.....	-	—	—		—
Moss Vale	n	47	30		0
Euston ..	b	63	20		0
Goulburn	b	59	25		0
Wagga ..	b	54	25		0
Cape Geo.	-	57	35		0
Queanb'n	n	49	28		0
Deniliq'n	b	52	33		0
Moruya ..	b	58	35		0
Kiandra	b	55	—		0

Albury	n	59	28	0·06
B'd'lla	-	—	-	—
Cooma	n	49	25	0
Eden	b	55	43	0
Gabo	..	—	-	-

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy very heavy.

28 30·38 R 51

FINE GENERALLY
SYDNEY b 57 43 Rain 0·130

14 30·60 R 41

0 30·47 R 48

0 30·37 R 41

8 53 A 18 52 Re 13 47

13 45 P 3 47 M CO 8 49 WP 18 50 Go

C 42 54 PM 56 51 N 6 53 S 12 48 Wg 23 53 CG 42 54 Ma 14 43 E 14 47

B R

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m, SMT
or 2h.55m.9·19s,a.m,
Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

W E

Barometers risen about 0·35 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUGUST 15 1882 with Notes to 3 P.M.

Sydney Observatory

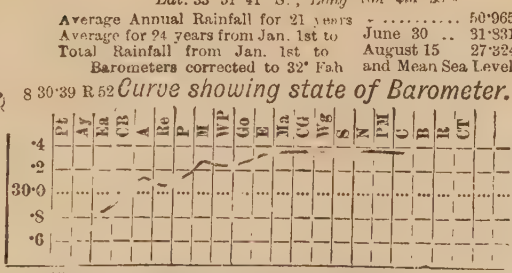
Lat. 33° 51′ 41″ *S.*; *Long* 10h 4m 50s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 15 .. 27·324
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	b	70	30	0
T'nt'rfield	–	—	—	—
Moree ..	b	64	42	0
Grafton.	b	73	39	0
Gl'n Inn's	b	59	25	0
Inverell ..	b	59	23	0
Bourke ..	b	64	38	0
Narrabri.	b	70	29	0
Armidale.	n	52	—	0
Bendem'r	n	55	26	0
Gunned'h	–	—	—	—
C'n'mble .	b	57	25	0
Tamw'rth	b	68	25	0
Coonab'n.	b	53	20	0
F.M'cqrie	b	61	46	0·04
W'lcannia	g	55	45	0
Murr'ndi	b	54	29	0
Cassilis ..	b	52	27	0
Mus'br'ok	n	67	29	0
Dubbo ..	b	56	33	0
Menindie	g	63	38	0
Mudgee..	b	71	38	0
Maitland	b	62	45	0
Hill End .	b	—	—	0
Newcast'e	b	60	49	0
Orange .	b	46	28	0
Bathurst	n	55	26	
34 59				
Forbs	b	58	31	0
M.Vict'ria	n	46	30	0
Cond'b'in	n	—	32	0
Picton. ..	n	58	26	0
Carcoar..	n	47	30	0
Wentw'th	g	64	40	0
Young ..	n	75	28	0
Woll'g'ng	b	61	42	0
Hay.....	c	63	35	0
Moss Vale	n	49	24	0
Euston ..	g	69	21	0
Goulburn	b	57	21	0
Wagga ..	c	54	24	0
Cape Geo.	b	57	33	0
Queanb'n	n	48	29	0
Deniliq'n	g	61	38	0
Moruya ..	b	58	36	0
Kiandra	n	60	—	0

Albury	n	59	27	0
B'd'lla	n	62	28	0
Cooma	n	52	16	0
Eden	b	57	43	0
Gabo	b	—	–	0

8 30·39 R 52 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·31 F 53

FINE GENERALLY
SYDNEY b 57 42 Rain 0·002

28 30·40 F 46

13 49 A 0 30·38 F 40

40 47

34 50 Re

14 30·33 F 40

28 49 P 8 46 M

8 46 CO

WP 0 50

Ma 14 44

E 14 44

Go 13 51

CG 23 48

Wg 0 56

S 9 45

N 5 47

PM 14 53

C 28 53

B 3 59

R 8 58

WIND SCALE.

Mi's	
13	Lt brze
23	Mod. ,,
54	Fresh ,,
86	Stng gale
65	Whole ,,

WEATHER.

b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0 15 on S. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUGUST 16 1892 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 16 27·324
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	b	72	41	0
Tent'rfield	g	64	35	0
Moree ..	g	65	48	0
Grafton..	b	74	46	0
Gl'n Inn's	g	65	34	0
Inverell ..	b	59	28	0
Bourke ..	c	67	54	0
Narrabri..	g	84	36	0
Armidale.	b	55	—	0
Bendem'r	b	60	38	0
Gunned'h	-	—	—	—
C'n'mble .	b	60	40	0
Tamw'rth	b	70	37	0
Coonab'n.	g	61	32	0
E.M'cqrie	b	65	57	0
W'lcannia	b	60	45	0
Murr'ndi	b	56	36	0
Cassilis ..	c	53	32	0
Mus'br'ok	b	68	37	0
Dubbo ..	g	59	34	0
Menindie	b	58	41	0·05
Mudgee..	g	71	32	0
Maitland	b	60	50	0
Hill End .	g	—	—	0
Newcast'e	b	68	40	0
Orange .	g	51	32	0
Bathurst	g	68	30	0
Forbs	c	60	28	0
M.Vict'ria	c	54	41	0
Cond'b'in	c	50	31	0
Picton. ..	g	60	31	0
Carcoar..	g	50	35	0
Wentw'th	b	55	45	0·28
Young ..	g	69	42	0
Woll'g'ng	o	64	47	0
Hay.....	c	63	35	0
Moss Vale	b	54	37	0
Euston ..	b	51	39	0
Goulburn	b	64	33	0
Wagga ..	c	55	33	0
Cape Geo.	-	—	—	—
Queanb'n	g	50	34	0
Deniliq'n	c	56	40	0
Moruya..	g	57	41	0
Kiandra	b	57	7	0

	r	56	38	0·04
Albury				
B'd'lla	b	61	35	0
Cooma	n	63	30	0
Eden	b	50	44	0
Gabo	g	—	-	0

8 30·33 F 59 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·15 F 57

CLOUDY GENERALLY
SYDNEY b 59 45 Rain 0·000

14 30·16 F 49

0 30·21 F 50

0 30·12 F 46

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
w-Threatening

MI's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Str. gale
65-Whole ,,

R 8 60

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 54
C 14 53
PM 14 52
N 2 51
S 2 51
W 0 62
CG 14 55
Ma 14 45
E 14 50
Go 8 53
WP 8 49
CO 28 49
P 28 50
M 50
Re 34 50
A 18 54
23 54

W E S

Barometers fal en about 0 15 on S. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUGUST 17 1882 with **NOTES** to 3 P.M.

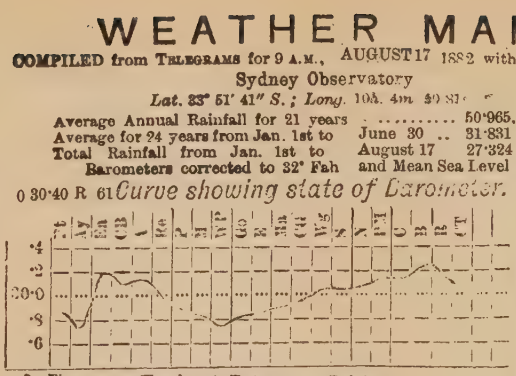
Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 49·81s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 17 27·324
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in	
Casino ..	c	79	50	0	
T'nt'rfield	c	56	36	0	
Moree ..	d	73	52	0·03	
Grafton ..	c	78	52	0	
Gl'n Inn's	r	62	38	0·02	
Inverell ..	r	64	30	0	
Bourke ..	g	77	55	0	
Narrabri ..	g	85	35	0	
Armidale.	g	58	—	0	
Bendem'r	g	53	31	0·01	
Gunned'h	-	—	—	—	
C'n'mble .	c	3.	42	0	
Tamw'rth	c	73	43	0	
Coonab'n.	g	62	33	0	
F.M'cqrie	g	68	57	0	
W'lcannia	b	50	40	0	
Murr'ndi	b	61	46	0	
Cassilis ..	g	61	41	0	
Mus'br'ok	b	70	47	0	
Dubbo ..	g	59	36	0	
Menindie	b	70	45	0	
Mudgee ..	g	77	44	0	
Maitland	b	70	55	0	
Hill End .	g	—	—	0·10	
Newcast'e	b	73	40	0	
Orange .	g	55	41	0·02	
Bathurst	g	64	41	0	
0 54 Forbs	c	62	38	0	
M.Vict'ria	g	57	45	0	
Cond'b'in	b	51	32	0	
Picton. ..	b	68	36	0	
Carcoar ..	b	55	42	0	
Wentw'th	b	70	46	0·01	
Young .	b	60	40	0·06	
Woll'g'ng	o	71	53	0	
Hay.....	c	66	35	0	
Moss Vale	-	—	—	—	
Euston ..	b	70	36	0·01	
Goulburn	b	62	39	0	
Wagga ..	c	62	41	0	
Cape Geo.	b	69	40	0	Albury d 56 44 0·17
Queanb'n	n	50	34	0	B'd'lla b 68 39 0
Deniliq'n	g	65	48	0·16	Cooma b 60 36 0·08
Moruya ..	c	68	44	0	Eden b 61 43 0
Kiandra		63	15	0·23	Gabo g — — 0

0 30·40 R 61 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 30·07 F 60

CLOUDY GENERALLY
SYDNEY g 69 50 R in 0·000

14 30·39 R 51

14 30·40R 52

0 29·93 F 49

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
66-Whole ,,

R 8 61

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 56
E 28 62
PM 0 54
N 2 59
S 4 57
W 28 62
CG 23 55
Ma 14 49
E 14 50
Go 8 54
WP 28 53
CO 13 51
M 54
P 28 51 13
Re 23 51
A 28 51
L 8 54

Barometers fal en about 0 18 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., Aug 18 1882 with NOTES to 3 P.M.

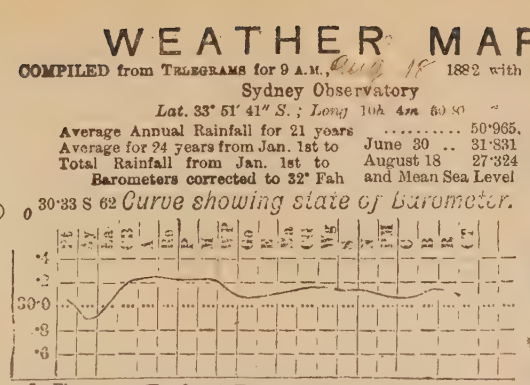
Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long* 10h 4m 50 8 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 18 27·324
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	r	73	52	0·14
T'nt'rfield	g	57	40	0·40
Moree ..	b	61	52	0·11
Grafton ..	g	78	55	0·24
Gl'n Inn's	g	60	35	0·76
Inverell ..	b	64	35	0·40
Bourke ..	b	79	50	0
Narrabri.	b	65	45	0·52
Armidale.	d	55	—	0·11
Bendem'r	g	58	40	0·17
Gunned'h	-	—	—	—
C'n'mble .	b	69	40	0·05
Tamw'rth	c	68	47	0·28
Coonab'n.	b	60	40	0·59
F.M'cqrie	g	64	55	0
W'icaunia	b	58	45	0
Murr'ndi	b	61	46	0·75
Cassilis ..	g	61	42	0·21
Mus'br'ok	b	74	51	0·25
Dubbo ..	b	63	37	0
Menindie	b	68	46	0
Mudgee..	f	73	40	0·05
Maitland	b	68	60	0·04
Hill End .	b	—	—	0·13
Newcast'e	b	74	40	0
Orange .	g	57	37	0 10
Bathurst	o	63	37	0·06
23 62				
Forbs	b	65	43	0
M. Vict'ria	b	57	39	0
Cond'b'in	b	49	32	0
Picton. ..	g	67	40	0·02
Carcoar..	g	55	43	0
Wentw'th	g	63	40	0
Young ..	g	72	42	0·07
Woll'g'ng	c	74	50	0
Hay.....	o	46	35	0·02
Moss Vale	b	63	39	0·05
Euston ..	g	65	35	0·03
Goulburn	g	65	38	0·13
Wagga ..	b	63	42	0·03
Cape Geo.	p	67	41	0·65
Queanb'n	b	50	38	0.07
Deniliq'n	g	61	40	0·03
Moruya ..	p	70	49	0·04
Kiandra		55	15	0·55

Albury	62	42	0·11
B'd'lla	68	39	0
Cooma	61	37	0·07
Eden	b 60	48	0
Gabo	g —	-	0·17



Barometers risen about 0·18 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

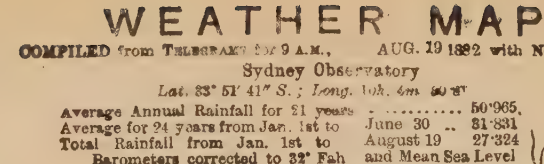
COMPILED from TELEGRAMS for 9 A.M., AUG. 19 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; Long. 10h. 4m. 50·8s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to June 30 .. 31·831
Total Rainfall from Jan. 1st to August 19 27·324
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE.
M's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

0 30·21 R 59

CLOUDY GENERALLY
SYDNEY p 60 52 Rain 1·025

14 30·34 F 47

0 30·21 R 48

0 — 48

52

23

2

23 — 52

14 — 53

23 — 57

56 — 55

28 — 53

12 — 56

10 — 59

28 — 53

14 — 55

Barometers risen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	Mn	R'fn
Casino ..	b	74	45	0·28
T'nt'rfield	b	58	36	0·12
Moree ..	b	71	42	0·03
Grafton ..	b	78	47	0·14
Gl'n Inn's	b	62	29	0·09
Inverell ..	b	63	33	0·07
Bourke ..	b	74	45	0
Narrabri :	b	81	37	0
Armidale.	b	56	—	0
Bendem'r	M	60	34	0·01
Gunned'h	-	—	—	—
C'n'mble .	-	—	—	—
Tamw'rth	b	86	34	0.07
Coonab'n,	b	63	31	0
F.M'cqrie	p	66	47	0·28
W'lcannia	b	60	40	0
Murr'ndi	g	57	44	0
Cassilis ..	g	55	35	0
Mus'br'ok	p	69	47	0
Dubbo ..	b	63	43	0
Menindie	b	65	42	0
Mudgee..	n	73	35	0
Maitland	p	67	58	0·50
Hill End .	c	—	—	0
Newcast'e	p	75	48	0·49
Orange .	b	52	36	0
Bathurst	g	57	33	0·02
Forbs	b	60	37	0
M.Vict'ria	g	50	40	0
Cond'b'in	b	44	32	0
Picton. ..	o	—	—	0
Carcoar..	n	54	34	0
Wentw'th	b	62	41	0
Young .	b	77	49	0
Woll'g'ng	c	64	50	0·47
Hay.....	c	64	40	0
Moss Vale	r	52	42	0·11
Euston ..	.	—	—	—
Goulburn	g	58	40	0·06
Wagga ..	b	63	32	0
Cape Geo.	p	65	42	0·79
Queanb'n	b	48	38	0
Deniliq'n	.	—	—	—
Moruya .	d	68	48	0 10
Kiandra	n	62	1)	0

Albury	b	65	35	0
B'd'lla	g	62	44	0
Cooma	c	62	38	0·02
Eden	.	—	—	—
Gabo	g	—	—	0·10

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUG. 21 1892 with NOTES to 9 P.M.

Sydney Observatory

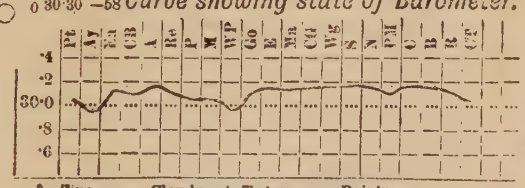
Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 30 E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 21. 27·680
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	mn	R'in
Casino ..	b	79	43	0·09
T'nt'rfield	b	64	36	0
Moree ..	b	75	46	0
Grafton..	b	75	47	0·02
Gl'n Inn's	b	61	31	0
Inverell..	b	63	30	0
Bourke ..	b	72	45	0
Narrabri.	b	84	36	0
Armidale.	b	56	—	0
Bendem'r	g	58	38	0
Gunned'h	-	—	—	—
C'n'mble .	g	67	35	0
Tamw'rth	b	66	37	0
Coonab'n.	b	62	32	0
P.M'cqrie	b	67	66	0·02
W'lcannia	b	55	45	0
Murr'ndi	c	57	43	0
Cassilis ..	g	60	40	0
Mus'br'ok	g	69	50	0·02
Dubbo ..	b	69	42	0
Menindie	b	51	42	0
Mudgee..	f	72	35	0
Maitland	c	68	61	0·10
Hill End .	c	—	—	0
Newcast'e	p	70	55	0·03
Orange .	b	56	35	0.03
Bathurst	g	63	34	0
13 57 Forbs	b	60	41	0
M. Vict'ria	g	52	40	0·25
Cond'b'in	b	48	32	0
Picton. ..	o	66	42	0·12
Carcear..	b	55	35	0
Wentw'th	b	72	49	0
Young ..	b	74	49	0
Woll'g'ng	c	68	54	0·10
Hay.....	b	71	44	0
Moss Vale	r	56	44	0·25
Euston ..	g	72	41	0
Goulburn	g	59	42	0·02
Wagga ..	b	61	35	0
Cape Geo.	f	62	45	0·94
Queanb'n	g	58	40	0
Deniliq'n	b	67	39	0
Moruya ..	g	63	53	0·42
Kiandra	n	55	11	0

Albury	—	—	—	—
B'd'lla	b	63	43	0·39
Cooma	f	56	43	0·08
Eden	p	59	54	0·47
Gabo	g	—	—	0·49

0 30·30 −58 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't breeze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 30·15 F 61

CLOUDY GENERALLY
SYDNEY g 65 55 Rain 0·103

14 30·12 F 55

14 30·22– 54

Barometers fallen about 0·15 on S. E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

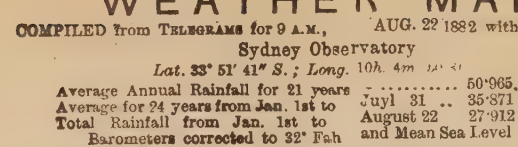
COMPILED from TELEGRAMS for 9 A.M., AUG. 22 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 22 .. 27·912
Barometers corrected to 32° Fah and Mean Sea Level

14 30·34 R 68 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·13 F 60

FINE GENERALLY
SYDNEY g 63 53 Rain 0·232

Stations.	wt	M'x	M'n	R'in
Casino ..	b	80	45	0
Tnt'rfield	b	66	38	0
Moree ..	b	79	46	0
Grafton..	b	76	49	0
Gl'n Inn's	b	65	41	0
Inverell..	-	—	—	—
Bourke ..	g	74	46	0
Narrabri.	g	84	34	0
Armidale.	b	61	—	0
Bendem'r	b	61	36	0
Gunned'h	.	—	—	—
C'n'mble.	b	66	41	0
Tamw'rth	b	72	36	0
Coonab'n.	b	70	32	0
P.M'cqrie	c	70	54	0
W'lcannia	r	50	40	0
Murr'ndi	f	60	41	0
Cassilis ..	f	62	42	0
Mus'br'ok	g	73	50	0
Dubbo ..	b	64	42	0
Menindie	.	—	—	—
Mudgee..	g	77	41	0
Maitland	f	69	58	0·05
Hill End .	f	—	—	0
Newcast'e	g	69	54	0
Orange .	c	59	39	0
Bathurst	g	70	40	0
23 61 Forbs	g	67	43	0
M.Vict'ria	c	57	44	0
Cond'b'in	b	50	32	0
Picton..	b	67	49	0
Carcoar..	g	59	43	0
Wentw'th	.	—	—	—
Young .	g	82	45	0
Woll'g'ng'	o	70	49	0
Hay.....	c	70	54	0
Moss Vale	f	59	47	0
Euston ..	g	71	41	0
Goulburn	f	67	41	0·01
Wagga ..	.	—	—	—
Cape Geo.	b	66	41	0
Queanb'n	b	60	44	0
Deniliq'n	g	71	49	0
Moruya .	b	64	48	0
Kiandra	n	70	10	0

Albury	b	70	45	0
B'd'lla	f	69	48	0
Cooma	c	73	34	0
Eden	b	62	54	0
Gabo	g	—	—	0

MIS WIND SCALE.
13-Li't brze
23-Mod. „
34-Fresh „
56-Strg gale
68-Whole „

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 0·06 on S. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

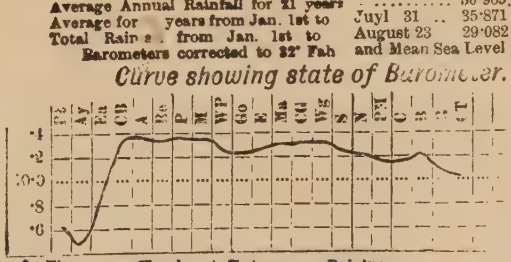
COMPILED from TELEGRAMS for 9 A.M., AUG. 23 1882 with NOTES to 8 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m 52s

Average Annual Rainfall for 21 years ..... 50·965.
Average for years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 23 29·082
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·17 R 60

FINE ON S COAST
SYDNEY 64 55 Rain 1·170

14 30·31 R 53
14 30·22 R 57

Stations.	wt	M'x	M'n	R'in
Casino ..	g	83	47	0
T'nt'rfield	d	74	46	0
Morce ..	g	80	46	0
Grafton ..	c	77	49	0
Gl'n Inn's	d	68	46	0·09
Inverell ..	b	60	37	0
Bourke ..	b	65	52	0·27
Narrabri :	r	86	45	0·23
Armidale	g	62	—	0
Bendem'r	b	66	44	0
Gunned'h	-	—	—	—
C'n'mble .	b	70	49	0
Tamw'rth	b	74	48	0
Coonab'n.	g	72	41	0·18
P.M'cqrie	g	70	54	0
W'lcannia	f	50	30	0·24
Murr'ndi	g	60	45	0
Cassilis ..	g	61	46	0
Mus'br'ok	p	71	53	0·18
Dubbo ..	b	66	51	0
Menindie .	.	—	—	—
Mudgee ..	g	75	47	0·06
Maitland	p	68	52	1·02
Hill End .	g	—	—	0·10
Newcast'e	p	71	58	—
Orange .	b	59	44	0·36
Bathurst	g	67	45	0
34 66 Forbs	b	61	45	0
M. Vict'ria	g	60	46	0·13
Cond'b'in	b	58	32	0
Picton. .	g	79	53	0
Carcoar ..	b	59	42	0·27
Wentw'th	.	—	—	—
Young ..	o	79	48	0
Woll'g'ng	p	70	54	0·02
Hay.....	b	60	47	0·30
Moss Vale	r	61	46	0
Euston ..	b	77	39	0
Goulburn	g	65	43	0
Wagga ..	b	63	39	0
Cape Geo.	p	65	41	0·15
Queanb'n	c	61	40	0
Deniliq'n	b	65	44	0
Moruya ..	g	62	5	0
Kiandra	f	57	15	0

Albury	b	72	41	0
B'd'lla	g	64	51	0
Cooma	c	65	42	0
Eden	b	63	b4	0
Gabo	b	—	—	0

MPs WIND SCALES.
1-Light breeze
2-Mod. ,,
3-Fresh ,,
4-Strg gale
5-Whole ,,

R 3 58

B 3 60
C 14 61
PM 14 59
N 6 62
S 16 59
Wg 42 57
CG 42 57
Ma 14 57
E 0 55
Go 8 58
WP 13 49

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·10s a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
S

Barometers risen about 0·18 on S E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUG. 24 1882 with NOTES to 3 P.M.

Sydney Observatory

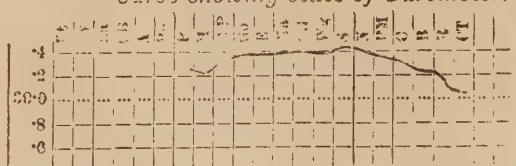
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·8s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 24 30·193
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	g	77	37	0·25
T'nt'rfield	g	78	45	0·20
Moree ..	b	79	54	0
Grafton..	b	76	53	0·05
Gl'n Inn's	g	63	46	0·02
Inverell..	o	61	40	0·02
Bourke ..	b	75	53	0
Narrabri.	b	86	45	0
Armidale.	g	61	—	0·05
Bendem'r	b	64	42	0·04
Gunned'h	-	—	—	—
C'n'mble.	-	—	—	—
Tamw'rth	b	75	40	0
Coonab'n.	b	64	39	0·03
F.M'cqrie	b	69	55	0·27
W'lcannia	b	60	45	0
Murr'ndi	b	60	49	0
Cassilis ..	g	64	55	0
Mus'br'ok	c	68	55	0
Dubbo ..	b	64	52	0
Menindie	b	65	47	0
Mudgee..	g	75	51	0
Maitland	p	66	63	0·96
Hill End .	g	—	—	—
Newcast'e	g	70	59	0·01
Orange .	b	60	45	0
Bathurst	g	62	43	0
Forbes	b	70	48	0
M.Vict'ria	p	51	45	0·25
Cond'b'in	b	60	32	0
Picton. ..	g	63	52	0·07
Carcoar..	b	65	52	0
Went'wth	o	77	47	0
Young ..	b	80	45	0
Woll'g'ng	.	—	—	—
Hay.....	b	73	47	0
Moss Vale	r	54	47	0·02
Euston ..	b	79	44	0
Goulburn	b	60	43	0
Wagga ..	b	64	43	0
Cape Geo.	b	59	41	0
Queanb'n	b	60	40	0
Deniliq'n	b	77	48	0
Moruya..	b	61	43	0
Kiandra ..	m	61	3	0

Albury	b	74	41	0
B'd'lla	f	63	40	0
Cooma	c	65	33	0
Eden	b	63	54	0
Gabo	g	—	—	—

Sydney Hourly Scale of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·26 R 62

FINE ON S COAST
SYDNEY f 61 54 Rain 0·086

14 30·39 —58

14 30·40R 64

14 30·35 R 56

0—54 8 55 0 —58 14—53 14—54 14—58 8—53 28—50

WIND SCALE.
13-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
68-Whole ,,

3 64

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3—60
C 28—61
PM 0—61
N 3—62
S 3—55
CG 0—58

W E S

Barometers risen about 0·20 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., AUG. 25 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h* 4*m* 51*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for ... years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 25 30·243
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	c	76	44	0
T'nt'rfield	b	67	43	0·05
Moree ..	b	80	51	0
Grafton ..	b	73	50	0
Gl'n Inn's	o	64	39	0
Inverell ..	b	62	30	0
Bourke ..	b	76	58	0
Narrabri ..	b	92	42	0
Armidale.	b	62	—	0
Bendem'r	b	66	42	0
Gunned'h	-	—	—	—
C'n'mble ..	o	71	45	0
Tamw'rth	b	79	42	0
Cooma b.	b	72	39	0
L.M'c'rie	f	69	54	0
Wilcannia	c	55	40	0
Murr'mbi	f	64	50	0
Cassilis ..	b	64	46	0
Mu'h'rook	g	71	55	0
Dubbo ..	b	71	52	0
Menindie	g	75	54	0
Mudgee ..	c	74	53	0
Maitland .	g	66	61	0·15
Hill End .	b	—	—	—
N'cast'l	f	68	56	0
Orange ..	b	60	46	0
Bathurst	g	68	41	0
[illegible]				
Forbes	b	71	48	0
M. Victoria	b	58	43	0·10
Cond'b'm	b	59	35	0
Picton. .	b	67	48	0
Carcoar ..	b	61	49	0
Wentw'th	o	77	57	0
Young ..	b	86	44	0
Woll'g'ng	b	71	55	0
Hay	-	—	—	—
Moss Vale	b	62	47	0
Euston ..	b	81	46	0
Goulburn	b	—	—	0
Wagga ..	b	64	43	0
Cape Geo.	b	67	42	0
Queanb'n	b	61	44	0
Deniliq'n	b	73	51	0
Moruya ..	b	64	46	0
Kiandra		—	—	—

Albury	b	74	41	0
B'd'lla	f	63	40	0
Cooma	c	65	33	0
Eden	b	63	54	0
Gabo	g	—	—	0

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°55′30″ E

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·27 R 68

FINE IN N. S. W.
SYDNEY c 66 55 Rain 0·050

14 30·30 F 65

28 30·27 F 68

14 30·26 F 59

Barometers fallen about 9·18 on SE. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUG. 26 1882 with NOTES to 3 P.M.

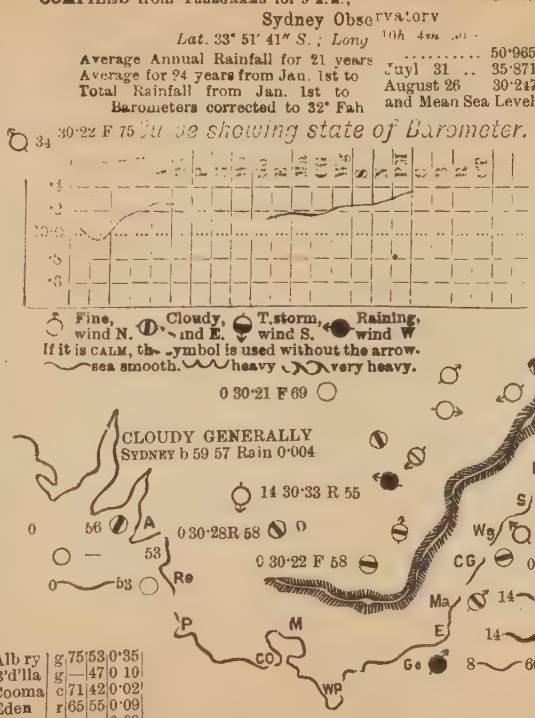
Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long* 10h 4m 49·9s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 26 30·247
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	c	71	45	0·02
T'nt'rfield	b	61	40	0
Moree ..	b	78	53	0
Grafton.	b	72	49	0
Gl'n Inn's	g	68	43	0
Inverell ..	b	63	35	0
Bourke ..	b	78	58	0
Narrabri.	b	82	45	0
Armidale.	b	64	—	0
Bendem'r	c	67	40	0
Gunned'h	.	—	—	—
C'n'mble .	o	69	47	0
Tamw'rth	b	80	41	0
Coonab'n.	b	71	40	0
E.M'cqrie	b	79	51	0
W'lcannia	o	60	40	0
Murr'ndi	b	67	45	0
Cassilis ..	b	68	53	0
Mus'br'ok	b	73	47	0
Dubbo ..	b	79	51	0
Menindie	b	75	50	0
Mudgee..	g	79	45	0
Maitland	b	69	58	0
Hill End .	c	—	—	0
Newcast'e	b	71	53	0
Orange .	g	62	47	0
Bathurst	—	—	—	—
Forbes	c	72	57	0
M. Vict'ria	.	—	—	—
Cond'b'in	c	59	36	0
Picton. ..	f	71	47	0·02
Carcoar..	.	—	—	—
Wentw'th	o	79	50	0
Young ..	r	73	51	0·03
Woll'g'ng	b	72	54	0
Hay.....	.	—	—	—
Moss Vale	b	67	49	0
Euston ..	b	81	48	0
Goulburn	b	79	47	0
Wagga ..	r	64	51	0·43
Cape Geo.	c	67	45	0
Queanb'n	g	67	48	0·15
Deniliq'n	c	78	52	0·08
Moruya ..	g	65	55	0·06
Kiandra	r	62	20	0·76

Albury	g	75	53	0·35
B'd'lla	g	—	47	0·10
Cooma	c	71	42	0·02
Eden	r	65	55	0·09
Gabo	p	—	—	0·09


30·22 F 75
Curve showing state of Barometer.
Fine, wind N.
Cloudy, and E.
T.storm, wind S.
Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth.
heavy
very heavy.
0 30·21 F 69
CLOUDY GENERALLY
SYDNEY b 59 57 Rain 0·004
14 30·33 R 55
0 30·28R 58
0 30·22 F 58
Barometers fallen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
1-Li't breze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., . AUG. 28 1882 with Notes to 3 P.M.

Sydney Observatory.

Lat. 33° 57′ 41″ *S.*; *Long.* 10h. 4m. 50·81s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to July 31 ... 35·871
Total Rainfall from Jan. 1st to August 28. 30·365
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

	PE	My	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	W	N	PM	C	B	S	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·03 F 61

CLOUDY GENERALLY
SYDNEY g 67 58 Rain 0·118

28 30·13 F 55

0 30·09 F 52

14 30·01 F 54

Stations.	wt	m'x	m'n	R'in
Casino ..	b	82	39	.0
T'nt'rfield	b	72	39	0
Moree ..	b	76	58	0
Grafton..	f	80	49	.0
Gl'n Inn's	c	71	36	0
Inverell..	b	66	50	0
Bourke ..	g	83	61	.0
Narrabri:	b	87	44	0
Armidale:	b	62	—	.0
Bendem'r	c	63	40	.0
Gunned'h	.	—	—	—
C'n'mble.	b	74	46	0
Tamw'rth	c	81	42	0
Coonab'n.	b	72	33	0
P.M'cqrie	b	72	54	0
W'lcannia	c	60	40	0·92
Murr'ndi	b	67	44	0
Cassilis ..	b	69	59	0
Mus'br'ok	g	77	52	0
Dubbo ..	g	71	59	0
Menindie	c	—	52	1·06
Mudgee..	g	80	40	0
Maitland	b	71	57	0
Hill End .	g	—	—	0
Newcast'e	b	71	50	.0
Orange .	g	62	46	0
Bathurst	g	70	44	0
Forbs	r	69	52	0·25
M. Vict'ria	c	64	48	0
Cond'b'in	r	55	25	0·75
Picton. ..	g	72	54	0
Carcoar..	r	42	35	0·05
Wentw'th	g	63	52	0·13
Young ..	r	62	51	1·24
Woll'g'ng	c	72	56	0
Hay.....	r	76	54	0·53
Moss Vale	r	61	49	0·44
Euston ..	c	66	49	0·49
Goulburn	p	56	50	0·26
Wagga ..	r	61	49	1·09
Cape Geo.	.	—	—	—
Queanb'n	r	59	38	1·75
Deniliq'n	r	71	53	1·17
Moruya .	g	61	51	0·50
Braidwa	r	59	17	2·52
Albury	p	68	49	1·29
B'd'lla	r	71	51	1·04
Cooma	r	55	45	0·86
Eden	c	60	54	0·61
Gabo	g	—	—	0·66

Mrs Wind Scale
13-Lt'n breez
24-Mod. "
34-Fresh "
56-Strg gale
68-Whole "

Weather Symbols.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
r-Rain
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showrs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Dropsat 1 p.m. S.M.T.
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
Mag. Var. 9° 35′ 36″ E.

Barometers fallen about 9·20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUG. 29 1882 with Norms to 3 P.M.

Sydney Observatory.

Lat. 33° 52′ 01″ S.; Long. 10h. 4m. (30·2)

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to July 31 .. 35·871
Total Rainfall from Jan. 1st to August 29 30·415
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	m'n	R'in
Casino	c	80	53	0
T'nt'rfield	c	70	46	0·20
Moree ..	b	76	56	0·37
Grafton.	g	80	55	0·11
Gl'n Inn's	g	70	35	0·20
Inverell ..	c	64	40	0·15
Bourke ..	f	68	53	0·07
Narrabri :	g	75	50	0·33
Armidale.	c	61	—	0·51
Bendem'r	g	62	41	0·46
Gunned'h	·	—	—	—
C'n'mble .	g	70	46	0·20
Tamw'rth	c	72	48	0·76
Coonab'n.	g	61	51	0·39
P.M'cqrie	c	71	58	0·12
W'lcannia	b	55	35	0
Murr'ndi	g	65	52	0·80
Cassilis ..	b	67	53	0·36
Mus'br'ok	b	76	54	0·48
Dubbo ..	g	72	54	0·73
Menindie	b	68	48	0
Mudgee..	g	66	50	0·67
Maitland	b	74	62	0·10
Hill End .	g	—	—	0·35
Newcast'e	b	78	55	0·08
Orange .	g	65	47	0·60
Bathurst.	b	58	45	0·23
Forbes	g	65	49	0·54
M. Vict'ria	g	57	42	0·10
Cond'b'in	c	51	30	0·65
Picton. ..	c	65	43	0·02
Carcoar..	g	55	49	0·65
Wentw'th	b	66	43	0
Young ..	g	67	49	0·92
Woll'g'ng	b	63	53	0·05
Hay.....	b	66	42	0·11
Moss Vale	g	55	44	0·02
Euston ..	b	71	31	0
Goulburn	g	57	45	0·16
Wagga ..	c	61	45	0·31
Cape Geo.	b	61	41	0
Queanb'n	b	55	48	0·30
Deniliq'n	b	66	39	0
Moruya ..	b	61	49	0·04
Kiandra	r	52	17	0·63

Albury	c	54	45	0·36
B'd'lla	f	60	48	0·03
Cooma	b	59	33	0·07
Eden	b	61	48	0·25
Gabo	b	—	—	0

Curve showing state of Barometer.

Pr Ay Ba CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

·4
·2
30·0
·8
·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 30·17 F 74

0 30·01 F 58

CLOUDY GENERALLY
SYDNEY c 70 57 Rain 0·050

28 30·09 F 51

0 30·07 F 53

14 29·94 F 55

8 58 A 23 52 23 49 Re 23 53 P 3 54 M CO 8 52 WP 23 48 Ma E 14 58 Go 23 57 CG 28 59 Wg 0 63 S 3 62 N 6 64 PM 9 63 E 14 53 S 28 65 B 8 67 R

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Lt'r breeze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′ 30″ E

Barometers fallen about 9 10 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUG. 30 1882 with Norms to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m 50·61s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to July 31 .. 35·871
Total from Jan. 1st to August 30 30·415
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

	Pt	Ay	Ea	CB	A	Ro	P	M	WP	Co	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WIND SCALE.
13-Li't breeze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

WEATHER.
b-Blue sky.
c-Scattered cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showers
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

CLOUDY GENERALLY
SYDNEY g 69 51 Rain 0·000

0 29·94 F 59
30·11 F 49
28 30·00 F 53
25—52
18—53
52
WP 40—51
Ma 14—52
E 14—53
G 14—58
CG 14—54
Wg 0—51
S 7—53
N 4—57
PM 0—61
E 14—63
R
B
A
Ro
P
M
CO

W — E
S

Barometers fallen about 9 10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	m'n	R'in
Casino ..	r	72	53	0·02
T'nt'rfield	r	69	42	0·12
Moree ..	g	73	54	0·05
Grafton..	c	75	55	0
Gl'n Inn's	g	60	41	0·20
Inverell ..	c	68	36	0·16
Bourke ..	g	73	55	0
Narrabri.	g	80	45	0
Armidale.	g	60	—	0·09
Bendem'r	r	63	44	0·24
Gunned'h	-	—	—	—
C'n'mble.	g	71	44	0
Tamw'rth	c	62	41	0·08
Coonab'n.	g	70	52	0
P.M'cqrie	c	66	30	0
W'lcannia	b	63	45	0
Murr'ndi	c	63	48	0
Cassilis ..	g	70	46	0
Mus'br'ok	g	70	48	0
Dubbo ..	b	70	50	0
Menindie	b	73	40	0·04
Mudgee..	g	73	40	0
Maitland	c	69	54	0
Hill End .	r	—	—	0
Newcast'e	b	77	50	0
Orange .	r	57	40	0·03
Bathurst	g	61	37	0
Forbes	c	64	53	0
M.Vict'ria	c	53	42	0
Cond'b'in	c	59	30	0
Picton. ..	d	69	39	0·02
Carcoar..	-	—	—	0
Wentw'th	b	68	46	0
Young ..	p	71	46	0·12
Woll'g'ng	c	73	48	0
Hay.....	b	65	50	0·17
Moss Vale	g	59	43	0
Euston ..	b	71	38	0
Goulburn	g	64	39	0·01
Wagga ..	p	62	45	0·34
Cape Geo.	g	70	40	0
Queanb'n	r	57	43	0·15
Deniliq'n	b	65	42	0·30
Moruya ..	g	65	49	0·10
Kiandra	p	53	15	0?
Albury	-	—	—	—
B'd'lla	c	64	64	0·03
Cooma	g	60	34	0
Eden	p	59	52	0·06
Gabo	g	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., AUG. 31 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; Long. 10h 4m 50·81s E.

Average Annual Rainfall for 21 years ..... 50·065
Average for 24 years from Jan. 1st to July 31 ... 35·871
Total Rainfall from Jan. 1st to August 31 ... 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	we	M'x	M'n	Rain
Cape ...	c	78	52	0
Tamworth	b	63	39	0·22
Moree ..	b	89	48	0
Grafton ..	c	73	51	0
Gl'n Inn's	b	59	19	0
Inverell ..	b	68	33	0·04
Bourke ..	b	74	48	0
Narrabri ..	b	85	40	0
Armidale.	b	59	—	0·07
Bendem'r	f	62	38	0·04
Gunnedah	—	—	—	—
C'u'mble ..	b	69	37	0
Tamw'rth	b	61	31	0·05
Cowrab'n.	b	69	30	0
P. M'Quarie	b	69	49	0
W'leamma	b	62	38	0
Murr'ndi	b	63	40	0
Cassilis ..	b	70	38	0
Mus'br'ok	b	71	43	0
Dubbo ..	b	65	45	0
Menindie	b	75	35	0
Mudgee ..	b	75	35	0
Maitland	b	66	62	0
Hill End .	b	—	—	0
Newcast'e	b	70	51	0
Orange ..	b	55	34	0
Bathurst	f	59	32	0
58				
Forbes	b	60	40	0
M. Victoria	b	53	36	0
Cond'b'in	b	55	20	0
Picton. ..	b	67	35	0·02
Carcoar ..	n	55	35	0·12
Wentw'th	b	66	42	0
Young ..	b	70	34	0·06
Woll'g'ng	b	74	45	0
Hay.....	b	61	40	0
Moss Vale	n	57	34	0
Euston ..	b	62	31	0
Goulburn	b	61	33	0
Wagga ..	g	61	36	0·01
Cape Geo.	b	71	35	0
Queanb'n	b	57	43	0
Deniliq'n	b	63	43	0
Moruya ..	b	86	42	0·04
Kiandra	n	55	9	0

Albury	g	63	33	0·02
B'd'lla	b	69	39	0
Cooma	n	64	24	0
Eden	b	61	43	0·01
Gabo	b	—	—	0

0 30·26 R 55 *Curve showing state of Barometer.*

30·4 / 30·2 / 30·0 / 29·8 / 29·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining wind W

If it is CALM, the symbol is used without the arrow.

~ sea smooth ~ heavy ~ very heavy.

14 29·99 R 58

FINE GENERALLY

SYDNEY b 67 49 Rain 0·01

— 30·05 F 52

14 29·08 F 54

14 29·34—49

Barometers fallen about 0·20 on S. coast. For notes to 3 p.m. see under shipping news.

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.

13-Li't breeze
23-Mod. "
34-Fresh "
45-Strg gale
55-Whole "

TIME BALL

Drops at 1 p.m. S.M.T. or 2h 55m. 9·19s. a.m. Greenwich Mn. Time M.c. VAR. 9°35′30″ E

H. C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEP·T. 1 1882 with Norms to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 81 E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to August 31.. 38·912
Total Raintall from Jan. 1st to September 1 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	Mn	R'fn
Casino ..	b	79	48	0
T'nt'rfield	b	69	35	0
Moree ..	b	78	43	0
Grafton..	o	78	48	0
Gl'n Inn's	b	62	29	0
Inverell..	b	69	30	0
Bourke ..	b	71	46	0
Narrabri.	b	81	35	0
Armidale.	b	59	—	0
Bendem'r	b	62	33	0
Gunned'h	-	—	—	—
C'n'mble.	b	64	32	0
Tamw'rth	b	70	33	0
Coonab'n.	b	67	28	0
F.M'cqrie	b	68	48	0
W'lcannia	c	68	45	0
Murr'ndi	b	63	38	0
Cassilis ..	b	61	39	0
Mus'br'ok	b	68	40	0
Dubbo ..	b	71	43	0
Menindie	b	70	48	0
Mudgee..	n	73	34	0
Maitland	b	65	59	0
Hill End.	o	—	—	0
Newcast'e	b	72	47	0
Orange .	b	52	33	0
Bathurst	b	63	30	0
Forbs	-	—	—	0
M.Vict'ria	b	54	39	0
Cond'b'in	g	47	24	0
Picton. ..	b	65	33	0
Carcoar..	g	54	37	0
Wentw'th	b	72	42	0
Young .	b	79	37	0·03
Woll'g'ng	b	73	47	0
Hay.....	-	—	—	—
Moss Vale	r	57	42	0
Euston ..	b	72	34	0
Goulburn	b	62	40	0·91
Wagga ..	c	61	38	0·08
Cape Geo.	b	67	36	0
Queanb'n	b	50	43	0·07
Deniliq'n	b	66	42	0·12
Moruya..	b	62	58	0
Kiandra	s	57	12	0

Albury	p	64	41 0·31
B'd'lla	b	66	36 0·02
Cooma	q	42	34 0
Eden	g	60	48 0
Gabo	g	—	— 0·01

WIND SCALE.
12-Li't brse
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

Curve showing state of Barometer.

30·20 R 64 — 30·1 — 30·0 — ·9 — ·8

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 30·02 R 65

FINE GENERALLY
SYDNEY b64 49 Rain 0·000

14 30·14 R 49

28 30·01 R 49

Barometers fallen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

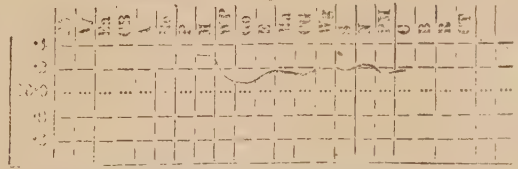
COMPILED from **TELEGRAMS** for 9 A.M., . SEP·T. 2 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 50·81 E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 2 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	M'x	Mn	R'in
Casino ..	b	82	37	0
T'nt'rfield	b	65	33	0
Moree ..	b	76	50	0
Grafton..	o	81	44	0
Gl'n Inn's	b	62	31	0
Inverell..	b	68	31	0
Bourke ..	b	73	45	0
Narrabri.	b	83	38	0
Armidale.	b	58	—	0
Bendem'r	n	61	34	0
Gunned'h	–	—	—	—
C'n'mble.	b	66	34	0
Tamw'rth	b	69	32	0
Coonab'n.	b	61	32	0
F.M'cqrie	b	71	48	0
W'lcannia	b	65	40	0
Murr'ndi	b	62	40	0
Cassilis ..	b	62	43	0
Mus'br'ok	b	71	37	0
Dubbo ..	b	70	42	0
Menindie	b	66	44	0
Mudgee..	b	69	35	0
Maitland	b	68	54	0
Hill End .	–	—	—	—
Newcast'e	b	76	48	0
Orange .	b	50	37	0
Bathurst	b	54	31	0
Forbes	b	64	45	0
M.Vict'ria	b	50	35	0
Cond'b'in	b	55	20	0
Picton. ..	b	62	42	0
Carcoar..	b	51	40	0
Wentw'th	c	64	41	0
Young ..	b	66	35	0·07
Woll'g'ng	b	74	47	0
Hay.....	b	57	39	0
Moss Vale	b	52	37	0
Euston ..	b	65	28	0
Goulburn	b	54	36	9
Wagga ..	b	57	35	0·03
Cape Geo.	b	65	34	0
Queanb'n	b	52	31	0
Deniliq'n	b	60	38	0
Moruya .	b	66	42	0
Kiandia	s	53	11	0
Albury	b	65	38	0·03
B'd'lla	b	63	34	0
Cooma	n	55	28	0
Eden	b	62	47	0
Gabo	b	—	–	0

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

0 30·28 R 59

FINE GENERALLY
SYDNEY b 68 49 Rain 0·000

14 30·46 R 49

14 30·41R 47

0 30·22 R 53

18 52 P 8 49 M

19 49 CO

WP 34 50

Ge 34 55

Ma 14 52

E 13 54

CG 28 52

Wg 28 54

S 16 54

N 2 59

PM 14 57

C 14 62

R

B

A

Re

D

WIND SCALE.
13-Li't breze
23-Mod. „
34-Fresh „
56-Strg gale
65-Whole „

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 9 40 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEP·T. 4 1882 with Notes to 3 p.m.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 0s.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 4 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	Rain
Casino ..	b	80	40	0
T'nt'rfield	g	62	38	0
Moree ..	b	76	50	0
Grafton..	g	78	47	0
Gl'n Inn's	b	68	35	0
Inverell..	b	64	38	0
Bourke ..	b	73	51	0
Narrabri..	b	83	34	0
Armidale.	g	59	—	0
Bendem'r	g	64	31	0
Gunned'h	—	—	—	—
C'n'mble.	b	66	30	0
Tamw'rth	b	69	32	0
Coonab'n.	c	69	32	0
P.M'cqrie	g	61	2	0
W'lcannia	b	75	40	0
Murr'ndi	g	62	35	0
Cassilis ..	c	60	38	0
Mus'br'ok	b	72	43	0
Dubbo ..	b	70	40	0
Menindie	b	58	45	0
Mudgee..	b	75	35	0
Maitland	b	66	48	0
Hill End.	b	—	—	0
Newcast'e	b	71	54	0
Orange .	b	56	33	0
Bathurst	b	65	28	0
8 60 Forbs	b	52	45	0
M.Victoria	b	57	32	0
Cond'b'in	b	51	25	0
Picton. ..	b	69	39	0
Carcoar..	b	56	35	0
Wentw'th	b	68	42	0
Young ..	b	75	33	0
Woll'g'ng	b	71	47	0
Hay.....	b	62	38	0
Moss Vale	b	61	45	0
Euston ..	b	69	28	0
Goulburn	b	65	43	0
Wagga ..	b	62	32	0
Cape Geo.	b	67	41	0
Queanb'n	b	53	30	0
Deniliq'n	b	62	39	0
Moruya ..	o	75	46	0
Kiandra	c	55	15	0·51

Albury	b	64	33	0
B'd'lla	b	75	33	0
Cooma	b	60	34	0·03
Eden	b	62	55	0
Gabo	c	—	—	0·96

0 30·37 R 62 *More Showing State of Barometer.*

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·19 F 65

FINE GENERALLY
SYDNEY b 68 45 Rain 0·00

14 30·22 S 49

14 30·28 F 50

0 30·20 F 53

23 — 51 Ro

23 — 49 P 13 53 M

CO

WP 23 — 48

G 18 — 57

E 14 — 51

Ma 14 — 53

CG 14 — 60

Wg 14 — 64

S 4 — 61

N 2 — 54

PM 14 — 59

C 14 — 63

B 3 — 64

R

A

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
M'ts
13-Li't brze
23-Mod. ..
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

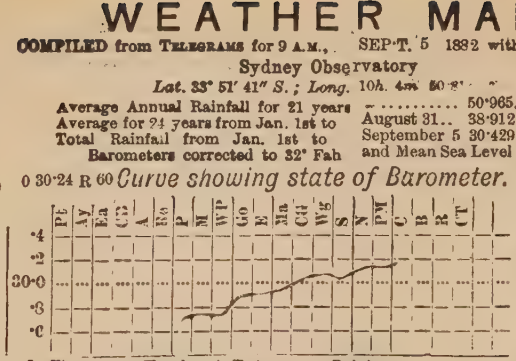
COMPILED from **TELEGRAMS** for 9 A.M., SEP. 5 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50·8*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 5 30·429
Barometers corrected to 32° Fah and Mean Sea Level

0 30·24 R 60 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·02 F 72

FINE GENERALLY
SYDNEY c 72 51 Rain 0·000

28 29·97 F 63

0 30·36 R 54

Stations.	wt	m'x	mn	R'in
Casino ..	b	80	40	0
T'nt'rfield	b	68	35	0
Moree ..	b	80	52	0
Grafton..	b	80	46	0
Gl'n Inn's	c	66	34	0
Inverell..	b	63	35	0
Bourke ..	b	79	55	0
Narrabri..	b	83	34	0
Armidale.	b	71	—	0
Bendem'r	b	63	34	0
Gunned'h	-	—	—	—
C'n'mble.	b	70	44	0
Tamw'rth	b	72	34	0
Coonab'n.	b	72	30	0
F.M'cqrie	h	72	47	0
W'lcannia	b	60	45	0
Murr'ndi	b	63	39	0
Cassilis ..	c	65	40	0
Mus'h'ok	b	74	40	0
Dubbo ..	b	71	43	0
Menindie	-	—	—	—
Mudgee..	b	78	38	0
Maitland	b	71	48	0
Hill End .	b	—	—	0
Newcast'e	b	78	50	0
Orange .	b	59	38	0
Bathurst	b	70	34	0
0 48 Forbs	b	68	50	0
M.Vict'ria	b	60	48	0
Cond'b'in	b	—	33	0
Picton. ..	c	78	36	0
Carcoar..	b	58	44	0
Wentw'th	c	78	47	0
Young .	b	79	41	0
Woll'g'ng	c	75	46	0
Hay.....	c	75	53	0
Moss Vale	,	—	—	—
Euston ..	.	—	—	—
Goulburn	b	63	36	0
Wagga ..	.	—	—	—
Cape Geo.	b	70	39	0
Queanb'n	b	60	40	0
Deniliq'n	.	—	—	—
Moruya .	g	66	48	0
Kiandra	c	78	18	0
Albury	b	57	46	0
B'd'lla	c	65	40	0
Cooma	c	70	37	0
Eden	b	58	36	0
Gabo	b	—	—	0

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 10 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 6 1882 with NOTES to 3 P.M.

Sydney Observatory

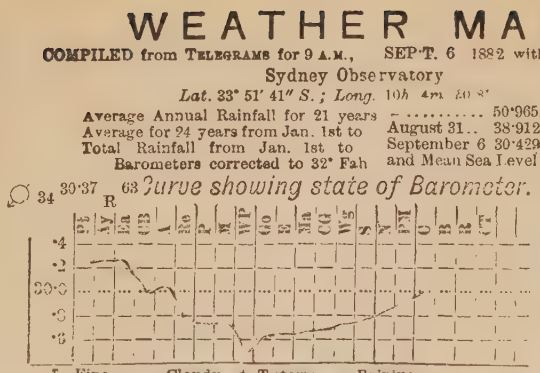
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 20 *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 6 30·429
Barometers corrected to 32° Fah and Mean Sea Level

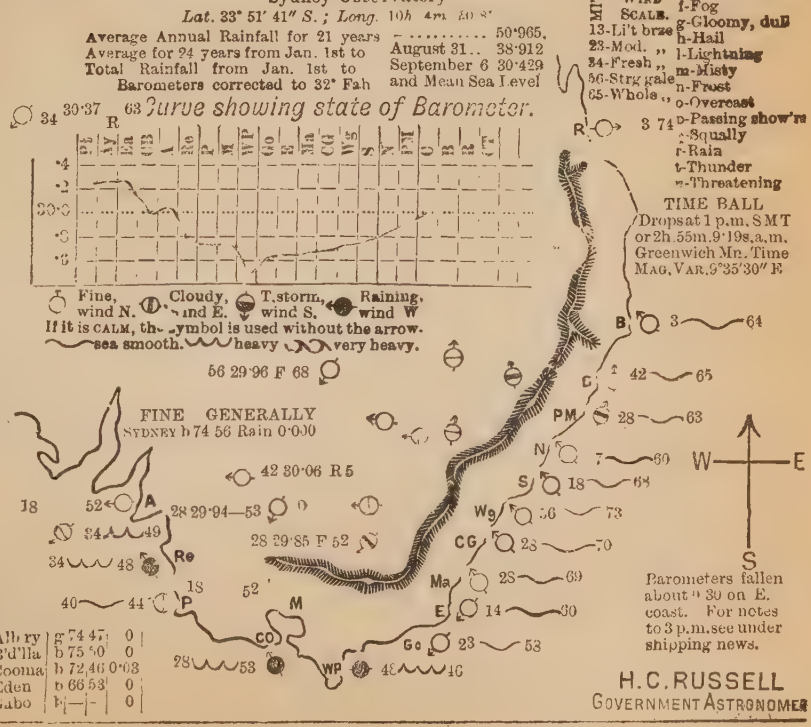
Stations.	wt	m'x	vn	r'in
Casino ..	b	81	53	0
T'nt'rfield	g	72	39	0
Moree ..	g	79	58	0
Grafton.	b	82	57	0
Gl'n Inn's	g	72	38	0·03
Inverell..	b	70	39	0
Bourke ..	b	86	60	0·08
Narrabri.	b	83	48	0
Armidale.	b	64	—	0
Bendem'r	g	69	47	0
Gunned'h	—	—	—	—
C'n'mble .	.	—	—	—
Tamw'rth	.	—	—	—
Coonab'n.	b	75	50	0·11
I.M'cqrie	g	72	54	0
W'lcannia	b	80	40	0
Murr'mdi	g	68	54	0
Cassilis ..	b	69	50	0
Mus'br'ok	b	73	52	0
Dubbo .	t	74	52	0·07
Menindie	b	80	40	0
Mudgee..	g	80	48	0
Maitland	b	81	64	0
Hill End .	g	—	—	0·20
Newcast'e	b	76	57	0
Orange .	g	65	47	0·09
Bathurst	g	72	42	0·08
13 56 Forbes	b	77	56	0
M. Vict'ria	g	67	50	0
Cond'b'in	b	65	35	0
Picton. .	g	73	45	0
Carcoar..	g	65	54	0·06
Wentw'th	b	80	45	0·01
Young .	b	80	53	0
Woll'g'ng	b	77	55	0
Hay.....	b	73	45	0
Moss Vale	t	64	50	0·03
Euston .	b	82	39	0
Goulburn	b	73	50	0·11
Wagga ..	b	74	47	0
Cape Geo.	b	72	50	0
Queanb'n	g	63	40	0·15
Deniliq'n	b	77	45	0
Moruya.	b	66	53	0
Kiandra	c	58	13	0·22

Albury	g	74	47	0
B'd'lla	b	75	50	0
Cooma	b	72	46	0·03
Eden	b	66	53	0
Gabo	b	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



WEATHER.
b-Blue sky .
c-Scatter'd c'ouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·30 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

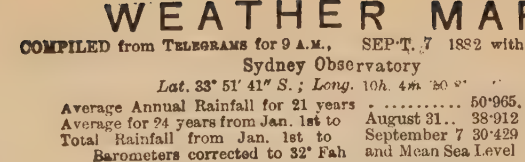
COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 7 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *s.*

Average Annual Rainfall for 21 years . ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 7 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

Stations.	wt	M'x	yn	R'in
Casino ..	c	84	61	0
T'nt'rfield	g	7'	45	0
Moree .	b	83	49	0
Grafton.	c	85	59	0
Gl'n Inn's	b	72	33	0
Inverell ..	b	70	36	0
Bourke ..	b	74	48	0
Narrabri.	b	87	35	0
Armidale.	b	66	—	0
Bendem'r	b	70	31	0
Gunned'h	-	—	—	—
C'n'mble .	b	72	32	0
Tamw'rth	b	82	33	0
Coonab'n.	b	82	39	0
L.M'cqrie	b	72	53	0
W'leannia	b	70	40	0
Murr'ndi	b	71	43	0
Cassilis ..	b	72	43	0
Mus'br'ok	b	83	47	0
Dubbo .	b	73	46	0
Menindie	b	67	43	0
Mudgee..	b	78	43	0
Maitland	b	78	61	0
Hill End .	-	—	—	—
Newcast'e	b	82	50	0
Orange .	b	56	46	0
Bathurst	b	63	40	0
0	44			
Forbes	b	65	43	0
M.Vict'ria	b	60	35	0
Cond'b'in	b	58	24	0
Picton. .	b	75	48	0
Carcoar.	b	60	42	0
Wentw'th	b	63	38	0
Young .	b	76	40	0
Wolf'g'ng	b	79	48	0
Hay....	b	62	39	0
Moss Vale	b	62	39	0·05
Euston .	g	61	34	0
Goulburn	b	61	37	0
Wagga ..	g	61	27	0
Cape Geo.	b	55	38	0
Queanb'n	b	59	40	0
Penrith'n	b	62	39	0
Nowra .	b	75	48	0
Kiandra	-	55.	5	0

Albury	p	62	38 0·07
B'd'lla	-	75	30 0
Cooma	n	57	31 0·04
Eden		66	44 0
Gabo		—	— 0

FINE GENERALLY
SYDNEY b 78 52 Rain 0·000

28 30·33 R 48
28 30·29 R 48
28 30·08 R 45
2S 30·23 R 60

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·30 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER.

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEP'T. 8 1882 with NOTES to 3 P.M.

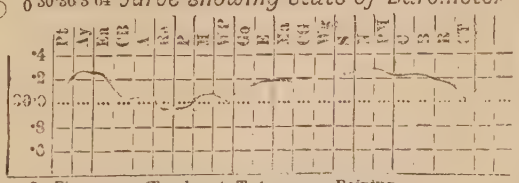
Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50 8′

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31... 38·912
Total Rainfall from Jan. 1st to September 8 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'fall
Casino ..	b	81	38	0
T'nt'rfield	b	64	35	0
Moree ..	b	74	43	0
Grafton..	b	84	58	0
Gl'n Inn's	b	61	25	0
Inverell..	b	70	29	0
Bourke ..	b	74	44	0
Narrabri.	n	86	30	0
Armidale.	b	58	—	0
Bendem'r	n	60	28	0
Gunned'h	-	—	—	—
C'n'mble.	b	60	32	0
Tamw'rth	b	69	27	0
Coonab'n.	n	61	26	0
F.M'cqrie	b	68	45	0
W'leannia	b	70	45	0
Murr'ndi	b	60	32	0
Cassilis ..	b	59	32	0
Mus'br'ok	b	68	32	0
Dubbo ..	b	62	39	0
Menindie	b	67	42	0
Mudgee..	n	70	28	0
Maitland	b	77	49	0
Hill End .	o	—	—	0
Newcast'e	b	72	46	0
Orange .	b	49	29	0
Bathurst	b	52	24	0
3 61				
Forbes	b	60	32	0
M.Vict'ria	n	46	30	0
Cond'b'in	b	55	33	0
Picton. ..	n	60	28	0
Carcoar..	n	52	31	0
Wentw'th	b	66	40	0
Young .	-	—	—	—
Woll'g'ng	b	69	43	0
Hay.....	b	61	38	0
Moss Vale	n	50	30	0
Euston .	b	60	31	0
Goulburn	b	52	26	0
Wagga ..	b	56	29	0
Cape Geo.	b	64	30	0
Queanb'n	n	60	31	0
Deniliq'n	b	61	39	0
Moruya .	b	67	36	0
Braidwa	n	62	—	0
Albury	-	—	—	—
B'd'lla	o	77	28	0
Cooma	n	54	21	0
Eden	o	57	47	0
Gabo	b	—	—	0

0 30·36 3 64 *Curve showing state of Barometer*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

42 30·22 F 59

FINE GENERALLY
SYDNEY b 62 46 Rain 0·000

28 30·27 F 48

14 30·25 F 51

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers rise in about 9 20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 9 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50·81*s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 9 30·429
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	78 47		0
T'nt'rfield	b	68 39		0
Moree ..	b	76 44		0
Grafton..	b	82 44		0
Gl'n Inn's	b	63 28		0
Inverell..	b	71 32		0
Bourke ..	b	71 49		0
Narrabri.	b	79 35		0
Armidale.	b	48 –		0
Bendem'r	b	62 36		0
Gunned'h	–	——		—
C'n'mble.	b	65 33		0
Tamw'rth	b	70 33		0
Coonab'n.	b	64 29		0
P.M'cqrie	b	66 49		0
W'lcannia	b	60 45		0
Murr'ndi	b	58 35		0
Cassilis ..	b	60 38		0
Mus'br'ok	b	70 39		0
Dubbo ..	g	59 36		0
Menindie	b	70 46		0·01
Mudgee..	o	69 32		0
Maitland	o	70 52		0
Hill End .	b	——		0
Newcast'e	o	71 45		0
Orange .	g	44 31		0
Bathurst	b	56 28		0
13 56				
Forbs	g	69 39		0
M'Vict'ria	b	51 35		0
Cond'b'in	r	46 33		0
Picton. ..	–	——		—
Carcoar..	n	55 34		0
Wentw'th	b	75 41		0·12
Young ..	g	69 35		0
Woll'g'ng	b	66 41		0
Hay.....	b	66 38		1·62
Moss Vale	b	54 35		0
Euston ..	b	74 34		0
Goulburn	b	57 29		0
Wagga ..	c	66 38		0
Cape Geo.	b	63 35		0
Queanb'n	b	53 34		0
Deniliq'n	b	66 39		0·17
Moruya .	b	63 47		0
Kiandra	b	55 7		0

Alb'ry	59	28	0·09
B'd'lla	c	—	—
Cooma	b	62	25	0
Eden	b	57	50	0
Gabo	·	—	—	—

0 30·37 R 67 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B K CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy very heavy.

42 30·12 F 59

FINE GENERALLY
SYDNEY b 60 46 Rain 0·000

28 30·33 R 46

0 55 A 28 30·17F 50 D

0 8 52

0 53 Re

0 30·05 —51

18 52 P 13 51 M

18 52 WP Go

Ma 14 49
E 14 50
Gc 8 55
CG 14 53
Wg 0 61
S 7 54
N 3 61
PM 14 59
C 14 62

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
1-Li't breze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEP·T. 11 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31... 38·912
Total Rainfall from Jan. 1st to September 11 30·438
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	-	—	—	—
T'nt'rfield	b	63	29	0
Moree ..	b	45	31	0
Grafton..	b	83	42	0
Gl'n Inn's	b	64	27	0
Inverell..	b	70	28	0
Bourke ..	b	71	46	0
Narrabri .	b	79	55	0
Armidale.	b	57	—	0
Bendem'r	b	61	31	0
Gunned'b	-	—	—	—
C'n'mble .	b	65	35	0
Tamw'rth	b	72	31	0
Coonab'n.	b	60	21	0
P.M'cqrie	b	66	47	0
W'lcannia	b	68	45	0
Murr'ndi	b	83	35	0·09
Cassilis ..	b	61	37	0
Mus'br'ok	b	69	38	0
Dubbo ..	b	62	41	0
Menindie	.	—	—	—
Mudgee..	o	75	29	0
Maitland	o	84	60	0
Hill End .	.	—	—	0
Newcast'e	b	66	45	0
Orange .	o	56	33	0
Bathurst	b	65	30	0
Foros	b	65	37	0
M. Vict'ria	b	55	35	0
Cond'b'in	b	58	31	0
Picton. .	b	66	33	0
Carcoar..	n	83	34	0
Wentw'th	-	—	—	—
Young .	b	75	35	0
Woll'g'ng	c	69	49	0
Hay.....	n	67	53	0
Moss Vale	b	58	34	0
Euston ..	b	76	39	0
Goulburn	b	66	30	0
Wagga ..	.	—	—	—
Cape Geo.	b	64	36	0
Queanb'n	n	57	30	0
Deniliq'n	b	68	40	0
Moruya .	b	61	44	0
Kiandra	n	77	3	0·21

Albury	59	28	0·09
B'd'lla	c	—	—
Cooma	b	62	25	0
Eden	b	57	50	0
Gabo	.	—	—	—

30·16 F74 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 30·18 R 62

FINE GENERALLY
SYDNEY b 65 48 Rain 0·09

0 30·2 R 56

0 30·43 R 43

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
. Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h. 55m. 19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 12 1882 with NOTES to 3 P.M.

Sydney Observatory

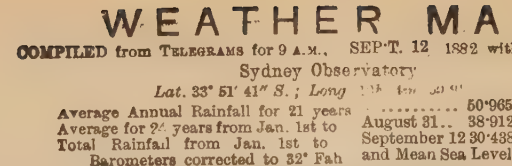
Lat. 33° 51′ 41″ *S.*; *Long* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 2[illegible] years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 12 30·438
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	78	42	0
T'nt'rfield	b	70	35	0
Moree ..	b	84	41	0
Grafton.	b	79	46	0
Gl'n Inn's	b	71	31	0
Inverell..	b	65	36	0
Bourke ..	b	76	46	0
Narrabri.	b	89	36	0
Armidale.	b	58	—	0
Bendem'r	b	65	34	0
Gunned'h	-	—	—	—
C'n'mble.	b	70	38	0
Tamw'rth	b	77	33	0
Coonab'n.	b	72	32	0
L.M'cqrie	b	67	49	0
W'lcannia	b	80	40	0
Murr'ndi	b	63	41	0
Cassilis ..	b	63	43	0
Mus'br'ok	b	72	45	0
Dubbo ..	b	61	46	0
Menindie	.	—	—	—
Mudgee..	o	75	38	0
Maitland	g	83	52	0
Ind End .	g	—	—	—
Newcast'e	g	67	45	0
Orange ..	b	57	42	0
Bathurst	o	69	39	0
		8	59	
Forbes	g	68	48	0
d. Victoria	b	60	47	0
Cond'b'in	g	57	33	0
Picton. .	b	71	38	0
Carcoar..	b	64	42	0
Wentw'th	g	76	49	0
Young	g	80	50	0
Wolg'ng	c	73	53	0
Hay . . .	b	72	55	0
Moss Vale	b	62	45	0
Euston	g	81	43	0
Goulburn	b	51	39	0
Wagga ..	c	63	39	0·02
Cape Geo.	b	67	43	0
Queanb'n	b	50	39	0
Deniliq'n	c	72	40	0
Moruya.	g	63	50	0
Kiandra	c	71	12	0·11

Albury	b	60	42	0·03
B'd'lla	b	75	39	0
Cooma	c	62	39	0
Eden	b	61	54	0
Gabo	c	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 — F 70

CLOUDY ON S COAST.
SYDNEY c 67 54 Rain 0·000

23 30·23 —55

8 54 A 14 30·19F 56

14 29·99 F 59

23 50 0 53 Re 13 55 28 53 P M 28 51 CO WP 34 54 Ma 14 62 E 0 56 Go 8 60 CG 0 58 Wg 14 65 S 1 58 N 4 56 PM 14 60 C 14 61 B 3 68 R 8 64

WIND SCALE.
0-Calm
1-Li't airs
2-Light breeze
3-Mod. ,,
4-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. S MT or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·25 on E. coast. For notes to 3 p.m. see under shipping news.

W E S

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 13 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 13 30·433
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	b	84	44	0
T'nt'rfield	b	73	38	0
Moree ..	b	82	53	0
Grafton..	b	84	51	0
Gl'n Inn's	b	52	34	0
Inverell..	b	70	37	0
Bourke ..	g	86	57	0
Narrabri..	b	85	41	0
Armidale.	b	50	–	0
Bendem'r	b	66	35	0
Gunned'h	–	—	—	—
C'n'mble.	b	75	43	0
Tamw'rth	b	82	36	0
Coonab'n.	b	76	33	0
F.M'cqrie	b	72	52	0
W'lcannia	g	78	41	0
Murr'ndi	b	69	47	0
Cassilis ..	o	71	42	0
Mus'br'ok	b	84	48	0
Dubbo ..	c	72	50	0
Menindie	b	—	—	0
Mudgee..	g	79	42	0
Maitland	o	88	59	0
Hill End .	b	—	—	0
Newcast'e	b	77	54	0
Orange ..	g	64	44	0
Bathurst.	c	71	43	0
8 56				
Forts	g	71	50	0
M.Vict'ria	c	65	47	0
Cond'b'in	g	56	32	0
Picton. .	g	78	47	0
Carcoar..	g	63	46	0
Wentw'th	b	64	42	0
Young	g	63	48	0
Wolf'g'ng	·	—	—	–
Hay....	b	62	53	0
Moss Vale	g	67	46	0
Euston	b	64	54	0
Goulburn	g	70	39	0
Wagga ..	b	62	35	0
Cape Geo.	c	80	45	0
Queanb'n	b	63	31	0
Deniliq'n	b	71	42	0
Moruya..	g	76	53	0
Kiandra	n	58	12	0

Albury	b	70	35	0
B'd'lla	p	82	48	0·14
Cooma	n	69	28	0
Eden	b	67	57	0
Gabo	c	—	–	0

34 30·41 R 58 *Curve showing state of Barometer.*

Ft Ay Ba CB A Re P M WP Go E Ma CG Ml S N BI Ba B R CT

·4
·2
29·0
·8
·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

28 29·96 R 66

CLOUDY ON S COAST.
SYDNEY g 73 58 Rain 0·000

28 30·30 R 47
14 30·17 F 53
14 30·03 R 55

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 3 65

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 66
C 14 66
PM 14 68
N 3 64
S 4 60
W 9
CG 14 58
Ma 14 57
E 14 58
Go 23 58
WP 48 51
CO 48 52
P 18 52
M
Re 23 53
A 14 54 18 23 51
34 52

W E S

Barometers fallen about 0·05 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 14 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* [illegible]

Average Annual Rainfall for 21 years .. 50·965.
Average for 9[illegible] years from Jan 1st to August 31 38·912
Total Rainfall from Jan. 1st to September 14 30·438
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	g	88	51	0·05
T'nt'rfield	b	76	41	0
Moree ..	b	85	54	0
Grafton..	b	90	53	0
Gl'n Inn's	b	74	42	0·17
Inverell ..	b	75	44	0·10
Bourke ..	b	77	50	0
Narrabri.	b	90	51	0
Armidale.	b	68	–	0·14
Bendem'r	b	74	44	0·03
Gunned'h	–	—	—	—
C'n'mble.	.	—	—	—
Tamw'rth	b	85	41	0·02
Coonab'n.	b	73	41	0
F.M'cqrie	q	73	57	0
W'lcannia	b	70	40	0
Murr'ndi	c	70	47	0
Cassilis ..	b	71	40	0
Mus'br'ok	b	83	47	0
Dubbo ..	b	69	46	0
Menindie	b	64	43	0
Mudgee..	o	73	39	0
Maitland	b	89	60	0
Hill End .	.	—	—	—
Newcast'e	g	69	59	0·05
Orange .	b	60	35	0
Bathurst	b	66	31	0
8 69				
Forbes	b	63	39	0
M. Vict'ria	b	63	34	0
Cond'b'in	b	53	26	0
Picton. ..	b	69	44	0
Carcoar..	b	64	34	0
Wentw'th	b	64	37	0
Young .	b	64	31	0
Woll'g'ng	b	71	42	0
Hay.....	b	64	47	0
Moss Vale	b	60	34	0
Euston ..	b	57	29	0
Goulburn	b	61	26	0
Wagga ..	b	63	32	0
Cape Geo.	b	65	35	0·21
Queanb'n	b	61	36	0
Deniliq'n	b	64	35	0
Moruya .	.	—	—	—
Kiandra	n	75	2	0

Albury	b	65	29	0
B'd'lla	b	72	32	0·55
Cooma	b	70	28	0·10
Eden	g	62	45	0·01
Gabo	c	—	–	0·13

8 30·27 R 62 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

42 30·17 R 56

CLOUDY ON S COAST.
SYDNEY b 66 50 Rain 0·000

28 30 48 R 45

14 30·38R 46

14 30·38 R 46

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
MT. 13-Li't breeze .. 28-Mod. .. 34-Fresh .. 56-Strg gale 65-Whole ..

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 15 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m 50·81

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 9[illegible] years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 15 30·509
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	m'n	R'in
Casino ..	b	61	48	0·23
T'nt'rfield	c	72	39	0·44
Moree ..	b	85	47	0
Grafton..	c	68	51	0
Gl'n Inn's	g	64	35	0·34
Inverell..	b	73	38	0
Bourke ..	b	71	44	0
Narrabri	b	89	42	0
Armidale.	c	54	–	0
Bendem'r	g	66	38	0
Gunned'h	–	—	—	—
C'n'mble .	b	65	40	0
Tamw'rth	b	77	32	0
Coonab'n.	b	67	33	0
F.M'cqrie	p	64	48	0·28
W'lcannia	b	68	42	0
Murr'ndi	b	59	40	0
Cassilis ..	g	59	35	0
Mus'br'ok	b	67	44	0
Dubbo ..	b	69	44	0
Menindie	n	64	39	0
Mudgee..	g	74	38	0
Maitland	g	82	53	0·10
Hill End .	.	—	—	—
Newcast'e	b	70	46	0·03
Orange .	b	52	33	0
Bathurst	b	53	28	0
28 66				
Forbs	b	61	40	0
M.Vict'ria	g	48	30	0
Cond'b'in	b	51	25	0
Picton. ..	b	57	30	0
Carcoar..	b	62	37	0
Wentw'th	b	66	39	0
Young ..	b	72	35	0
Woll'g'ng	c	61	42	0
Hay.....	b	62	50	0
Moss Vale	b	50	29	0
Euston ..	b	67	39	0
Goulburn	b	57	23	0
Wagga ..	b	58	29	0
Cape Geo.	b	68	35	0
Queanb'n	n	50	32	0
Deniliq'n	b	63	38	0
Moruya..	.	—	—	—
Kiandra	n	65	5	0

Albury	n	63	28	0
B'd'lla	b	65	26	0
Cooma	n	51	23	0
Eden	b	56	44	0
Gabo	b	—	–	0

S 30·22 F 72 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg N PM C B Rz CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy (very heavy.

56 30·19 R 55

CLOUDY ON E COAST.
SYDNEY g 56 44 Rain 0·042

28 39 39 R 52

14 30·40 R 52

0 30·34 R 48

WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
28-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 9 20 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 16 1882 with NOTES to 3 P.M.

Sydney Observatory.

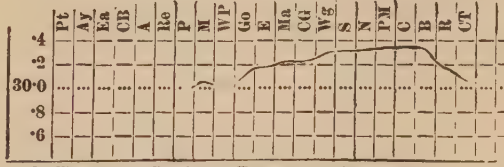
Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m. 50·81

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 16 30·509
Barometers corrected to 32° Fah and Mean Sea Level

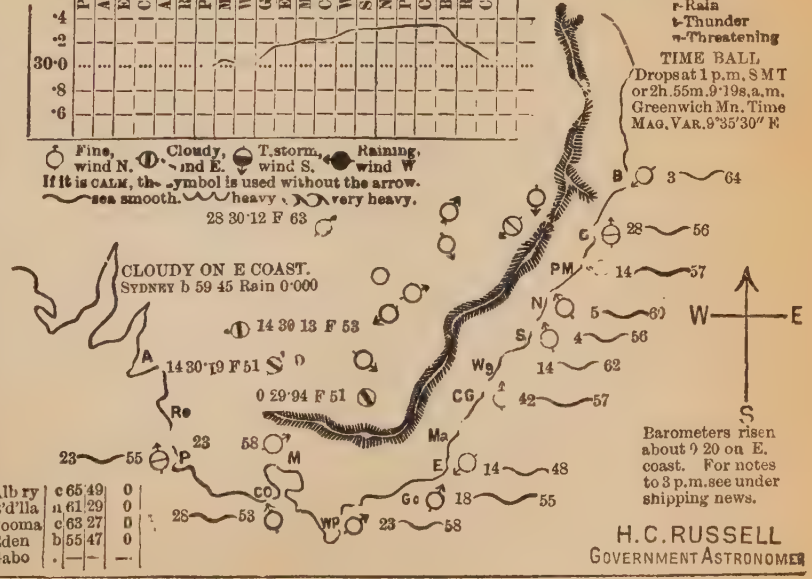
Stations.	wt	m'x	m'n	R'in
Casino ..	b	67	41	0·08
T'nt'rfield	g	69	38	0
Moree ..	b	72	48	0
Grafton..	b	69	46	0
Gl'n Inn's	b	56	38	0
Inverell..	b	74	32	0
Bourke ..	g	72	45	0
Narrabri:	b	90	40	0
Armidale.	b	55	—	0
Bendem'r	c	59	34	0
Gunned'h	–	—	—	—
C'n'mble .	b	76	45	0
Tamw'rth	.	—	—	—
Coonab'n.	b	60	35	0
F.M'cqrie	b	63	48	0·08
W'lcannia	g	70	42	0
Murr'ndi	b	61	37	0
Cassilis ..	b	60	40	0
Mus'br'ok	o	67	37	0
Dubbo ..	b	68	46	0
Menindie	g	69	50	0
Mudgee..	b	66	41	0
Maitland	b	83	57	0
Hill End .	.	—	—	—
Newcast'e	b	66	47	0
Orange .	b	54	38	0
Bathurst	b	59	31	0
Forbs	b	57	47	0
M.Vict'ria	b	51	36	0
Cond'b'in	g	59	25	0
Picton. ..	.	—	—	—
Carcoar..	b	51	49	0
Wentw'th	g	72	48	0
Young ..	b	79	39	0
Woll'g'ng	b	65	49	0
Hay.....	b	67	—	0
Moss Vale	b	52	40	0
Euston ..	b	—	—	—
Goulburn	b	61	30	0
Wagga ..	c	62	38	0
Cape Geo.	b	62	36	0
Queanb'n	b	49	30	0
Deniliq'n	.	—	—	—
Moruya ..	.	—	—	—
Kiandra	g	32	5	0

Albury	c	65	49	0
B'd'lla	n	61	29	0
Cooma	c	63	27	0
Eden	b	55	47	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.



Barometers risen about 9 20 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEP.T. 18 1882 with NOTES to 3 P.M.

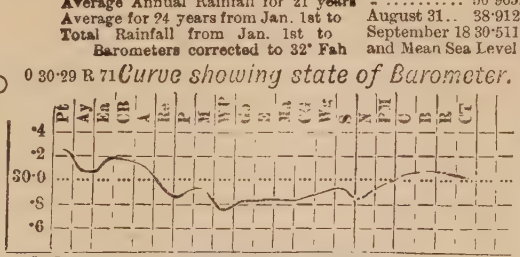
Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h. 4m. 50·8s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 18 30·511.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	M'n	R'in
Casino ..	c	80	44	0
T'nt'rfield	c	72	45	0
Moree ..	b	76	58	0
Grafton..	r	79	50	0
Gl'n Inn's	g	64	42	0·16
Inverell..	b	74	45	0
Bourke ..	b	81	55	0
Narrabri.	b	81	48	0
Armidale.	p	60	—	0·02
Bendem'r	r	65	32	0·28
Gunned'h	-	—	—	—
C'n'mble.	b	72	49	0
Tamw'rth	b	80	47	0·46
Coonab'n.	b	74	48	0·11
F.M'cqrie	c	71	56	0
W'lcannia	b	82	38	0
Murr'ndi	b	65	46	0·35
Cassilis ..	b	65	43	0·19
Mus'br'ok	o	78	50	0·04
Dubbo ..	b	71	48	0·13
Menindie	b	79	49	0
Mudgee..	b	78	45	0
Maitland	b	—	—	0
Hill End .	.	—	—	0·22
Newcast'e	b	75	55	0·14
Orange .	g	63	42	0·25
Bathurst	b	68	41	0·18
13 62 Forts	b	67	41	0
M.Vict'ria	b	61	42	0
Cond'b'in	b	62	25	0
Picton. ..	b	74	40	0·15
Carcoar..	g	62	43	0·42
Wentw'th	b	78	45	0
Young ..	b	75	42	0·26
Woll'g'ng	b	75	56	0
Hay.....	b	78	64	0
Moss Vale	b	66	44	0·07
Euston ..	b	79	31	0
Goulburn	b	71	37	0·03
Wagga ..	b	72	39	0·11
Cape Geo.	b	72	49	0
Queanb'n	b	63	39	0
Deniliq'n	b	77	41	0·05
Moruya..	.	—	—	—
Kiandra	b	75	10	0·65
Albury	b	75	39	0·24
B'd'lla	b	76	39	0·06
Cooma	n	67	30	0·18
Eden	b	60	46	0·02
Gabo	b	—	—	0 11

0 30·29 R 71 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·01 F 72

CLOUDY ON S COAST.
SYDNEY b 73 56 Rain 0·002

42 39 20 R 53

28 29·96 R 52

8 58 A 23 55 Re 23 55 P 40 55 18 53 M 48 52 CO WP 56 49 Ma E 14 47 Ge 13 59 Wg 28 66 CG 42 62 S 13 65 N 5 63 PM 28 61 C 28 63 B 3 61 R 3 65

WIND SCALE.
13-Li't brze
23-Mod.
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 0·40 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 19 1882 with NOTES to 3 P.M.

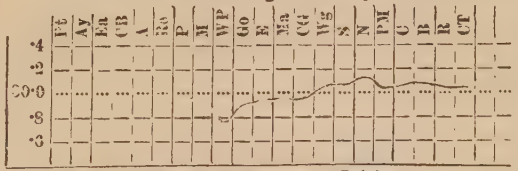
Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 30 *E.*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 19 30·511.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	vn	r'in
Casino ..	b	80	49	0·02
T'nt'rfield	b	69	40	0
Moree ..	o	84	54	0
Grafton .	b	80	50	0·25
Gl'n Inn's	b	67	37	0
Inverell ..	b	74	43	0
Bourke ..	b	80	51	0
Narrabri .	b	87	40	0
Armidale.	b	64	—	0·09
Bendem'r	b	67	43	0·18
Gunned'h	–	—	—	—
C'n'mble .	b	73	44	0
Tamw'rth	b	79	39	0·11
Coonab'n.	b	75	31	0
F.M'cqrie	b	74	52	0
W'lcannia	b	86	40	0
Murr'ndi	b	66	42	0
Cassilis ..	b	69	44	0
Mus'br'ok	o	81	41	0
Dubbo ..	b	72	51	0
Menindie	b	71	49	0
Mudgee..	b	79	35	0
Maitland	b	76	42	0
Hill End .	b	—	—	0
Newcast'e	b	78	53	0
Orange .	b	58	39	0
Bathurst	b	66	33	0
Forbs	b	69	45	0
M.Vict'ria	b	60	38	0
Cond'b'in	b	62	25	0
Picton. ..	b	72	43	0
Carcoar..	b	64	47	0
Wentw'th	b	72	45	0
Young .	b	76	36	0
Woll'g'ng	b	78	51	0
Hay.....	b	69	—	0
Moss Vale	b	63	40	0
Euston ..	–	—	—	—
Goulburn	b	64	33	0
Wagga ..	c	63	38	0
Cape Geo.	b	75	37	0
Queanb'n	b	60	38	0
Deniliq'n	–	–	—	—
Moruya ..	.	—	—	—
Kiandra	g	74	15	0·07
Albury	g	65	45	0·07
B'd'lla	b	76	34	0
Cooma	c	62	35	0
Eden	b	62	46	0
Gabo	b	—	–	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds.
d-Drizzling rain.
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs.
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

CLOUDY ON S COAST.
SYDNEY b 76 53 Rain 0·000

14 30·13 R 66
28 30 26 R 56
14 29·87 F 56

Barometers risen about 9 15 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 20 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h* 4*m* 50 *S*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 20 30·511.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	82	44	0
T'nt'rfield	b	60	34	0
Moree ..	o	82	52	0
Grafton..	b	83	53	0
Gl'n Inn's	b	70	33	0
Inverell..	b	74	39	0
Bourke ..	b	80	51	0
Narrabri :	b	90	41	0
Armidale.	b	65	—	0
Bendem'r	n	68	36	0
Gunned'h	–	—	—	—
C'n'mble .	b	68	43	0
Tamw'rth	b	76	35	0
Coonab'n.	b	70	35	0
F.M'cqrie	b	69	49	0
W'lcannia	o	85	38	0
Murr'ndi	b	65	43	0
Cassilis ..	b	66	45	0
Mus'br'ok	o	77	45	0
Dubbo ..	b	71	51	0
Menindie	b	75	50	0
Mudgee..	b	80	37	0
Maitland	b	71	—	0
Hill End .	g	—	–	0
Newcast'e.	b	79	50	0
Orange .	b	58	40	0
Bathurst	b	63	35	0
28 78				
Forbs	b	68	42	0
M. Vict'ria	b	59	44	0
Cond'b'in	b	66	25	0
Picton. ..	b	71	44	0
Carcoar..	b	57	39	0
Wentw'th	b	75	47	0
Young ..	b	75	40	0
Woll'g'ng	b	74	52	0
Hay.....	b	69	52	0
Moss Vale	b	62	47	0
Euston ..	b	76	35	0
Goulburn	b	64	47	0
Wagga ..	b	62	42	0
Cape Geo.	b	74	42	0
Queanb'n	b	62	48	0
Deniliq'n	b	73	46	0
Moruya..	-	—	—	—
Kiandra	?	62	15	0
Albury	b	72	47	0
B'd'lla	b	75	42	0
Cooma	b	65	45	0
Eden	b	66	52	0
Gabo	b	—	–	0

Curve showing state of Barometer.

0 30·31 F 73

PE AY EA CB A Re P M WP Go E Ma Cd Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy . very heavy.

0 30·20 R 73

CLOUDY ON S COAST.
SYDNEY b 71 53 Rain 0·000

23 30 32 R 57

8 59 A 14 30·20—57 18 55 Re 23 57

0 30·11 R 60

34 56 P 18 58 M 65 57 CO WP 34 54

Ma E 14 60 Go 8 60

CG 28 62 Wg 14 69 S 4 64 N 4 65 PM 14 63 C 28 63 B 3 67

R 8 6

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
z-Threatening

WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s,a,m, Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

W E S

Barometers risen about 9 06 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

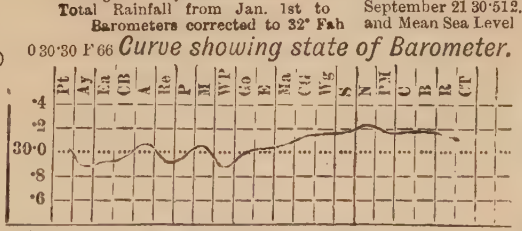
COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 21 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 21 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

0 30·30 F 66 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MTS WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
35-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 30·23 R 72

FINE GENERALLY
SYDNEY b 76 52 Rain 0·001

23 39 26 F 62

14 30·22R 65

0 30·30 R 57

Barometers risen about 9·10 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w'x	vq	r'in
Casino ..	b	84 48		0
T'nt'rfield	b	72 35		0
Moree .	o	84 51		0
Grafton.	b	84 50		0
Gl'n Inn's	b	71 35		0
Inverell..	b	74 43		0
Bourke ..	b	81 54		0
Narrabri.	b	94 43		0
Armidale.	b	65 —		0
Bendem'r	b	68 36		0
Gunned'h	–	— —		—
C'n'mble .	b	72 46		0
Tamw'rth	b	79 37		0
Coonab'n.	b	70 35		0
F.M'cqrie	b	74 49		0
W'lcannia	b	82 45		0
Murr'ndi	b	68 43		0
Cassilis ..	b	68 46		0
Mus'h'r'ok	o	79 49		0
Dubbo ..	b	71 49		0
Menindie	b	78 50		0
Mudgee..	b	80 45		0
Maitland	b	74 45		0
Hill End .	b	— —		—
Newcast'e.	b	80 51		0
Orange .	b	62 40		0
Bathurst	b	68 34		0
Forbs	b	70 44		0
M. Vict'ria	b	63 43		0
Cond'b'in	b	70 30		0
Picton. ..	b	70 45		0
Carcoar..	n	65 35		0
Wentw'th	b	78 50		0
Young ..	b	79 49		0
Woll'g'ng	b	79 52		0
Hay.....	b	72 51		0
Moss Vale	b	66 46		0
Euston ..	b	78 37		0
Goulburn	b	67 43		0
Wagga ..	b	64 37		0
Cape Geo.	b	74 41		0
Queanb'n	b	65 41		0
Deniliq'n	b	70 45		0
Moruya ..	·	— —	—	
Kiandra	b	81 15		0
Albury	b	68 38		0
B'd'lla	b	76 36		0
Cooma	n	72 30		0
Eden	b	67 51		0
Gabo	b	— —		0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 22 1882 with NOTES to 3 P.M.

Sydney Observatory

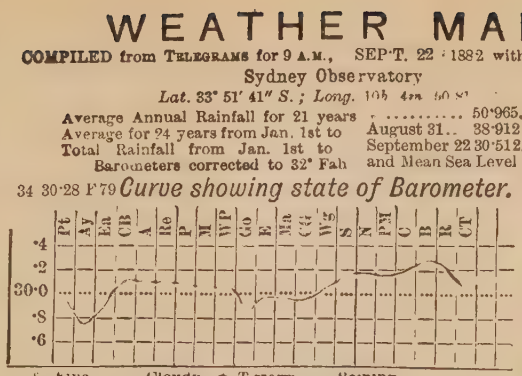
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·8s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 22 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	g'in
Casino ..	b	77 45		0
T'nt'rfield	b	79 38		0
Moree ..	o	81 51		0
Grafton.	b	86 59		0
Gl'n Inn's	b	78 33		0
Inverell..	b	73 44		0
Bourke ..	b	85 55		0
Narrabri.	b	96 46		0
Armidale.	b	71 —		0
Bendem'r	b	73 35		0
Gunned'h	-	— —		—
C'n'mble.	b	76 42		0
Tamw'rth	-	— —		—
Coonab'n.	b	80 34		0
F.M'cqrie	m	74 50		0
W'lcannia	o	92 49		0
Murr'ndi	b	74 64		0
Cassilis ..	b	73 45		0
Mus'br'ok	o	85 49		0
Dubbo ..	b	74 49		0
Menindie	b	80 55		0
Mudgee..	b	80 40		0
Maitland	b	77 55		0
Hill End .	b	— —		—
Newcast'e.	b	81 50		0
Orange .	b	66 40		0
Bathurst	b	75 35		0
13 63				
Forbes	b	78 45		0
M. Vict'ria	b	72 54		0
Cond'b'in	b	77 38		0
Picton. ..	b	81 40		0
Carcoar..	n	71 46		0
Wentw'th	b	91 56		0
Young .	b	89 43		0
Woll'g'ng	b	81 52		0
Hay.....	b	84 77		0
Moss Vale	b	73 53		0
Euston ..	b	90 45		0
Goulburn	b	76 49		0
Wagga ..	b	73 41		0
Cape Geo.	b	77 46		0
Queanb'n	b	68 44		0
Deniliq'n	n	85 55		0
Moruya ..	.	— —		—
Kiandra	b	85 22		0

	wt	w'x	vn	g'in
Albury	g	73 44		0
B'd'lla	b	75 46		0
Cooma	b	73 44		0
Eden	b	81 50		0
Gabo	b	— —		0

34 30·28 F 79 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

0 30·17 F 81

FINE GENERALLY
SYDNEY b 75 58 Rain 0·000

23 30 14 F 69

0 30·04 F 63

0 64 A 14 30·04F 65 D

8 53

13 54 Ro

23 56 P 18 57 M

28 54 CO

WP 34 56

Go 23 65

Ma E 14 81

CG 42 75

Wg 28 81

S 6 74

N 6 73

PM 14 61

C 14 67

B 3 69

R 8 68

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 9 15 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

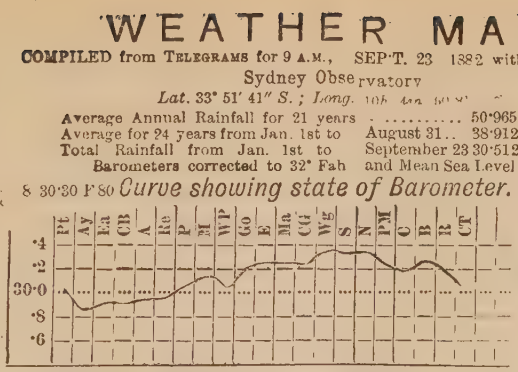
COMPILED from TELEGRAMS for 9 A.M., SEPT. 23 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m 50·9s *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 23 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

8 30·30 F 80 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

Stations.	wt	w'x	vn	R'in
Casino ..	b	93 59		0
T'nt'rfield	b	84 40		0
Moree ..	o	92 43		0
Grafton.	b	90 51		0
Gl'n Inn's	b	78 33		0
Inverell ..	b	75 44		0
Bourke ..	b	92 60		0
Narrabri.	b	93 42		0
Armidale.	b	72 —		0
Bendem'r	b	77 37		0
Gunned'h	-	— —		—
C'n'mble .	b	81 46		0
Tamw'rth	b	89 39		0
Coonab'n.	b	84 37		0
P.M'cqrie	m	75 54		0
W'leannia	b	102 35		0
Murr'ndi	b	76 49		0
Cassilis ..	b	73 59		0
Mus'br'ok	o	91 48		0
Dubbo ..	b	78 49		0
Menindie	b	90 59		0
Mudgee..	b	89 41		0
Maitland	c	83 57		0
Hill End .	b	— —		0
Newcast'e	g	89 60		0
Orange .	b	70 41		0
Bathurst	b	80 39		0
8 71				
Forbs	b	84 51		0
M. Vict'ria	b	73 52		0
Cond'b'in	b	82 40		0
Picton. ..	-	— —		—
Carcoar..	b	74 40		0
Wentw'th	b	88 57		0
Young ..	b	91 54		0
Woll'g'ng	c	91 53		0
Hay.....	b	81 50		0
Moss Vale	g	76 47		0
Euston ..	b	88 51		0
Goulburn	b	80 37		0
Wagga ..	b	82 41		0
Cape Geo.	g	97 45	0	Albury c 81·51 0
Queanb'n	b	74 46	0	B'd'lla b 90 49 0
Deniliq'n	b	85 52	0	Cooma c 79,47 0
Moruya.	-	— —	—	Eden b 84 52 0
Kiandra	b	100 25	0	Gabo b — — 0

FINE GENERALLY
SYDNEY c 87 60 Rain 0·000

23 30·19 R 66

14 30·18R 66

0 30·16 R 66

0 30·16 F 85

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
1-3-Li't brze
4-Mod. ,,
5-Fresh ,,
6-Strg gale
7-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·25 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEP·T. 25 1882 with NOTES to 3 P.M.

Sydney Observatory

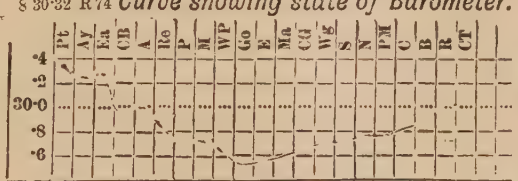
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·2s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 25 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	yn	R'in
Casino ..	b	92	62	0
T'nt'rfield	b	83	54	0
Moree ..	o	91	66	0
Grafton.	b	92	51	0
Gl'n Inn's	b	85	42	0
Inverell ..	b	78	50	0
Bourke ..	b	98	64	0
Narrabri .	b	98	45	0
Armidale.	b	76	—	0
Bendem'r	b	80	53	0
Gunned'h	-	—	—	—
C'n'mble .	b	86	59	0
Tamw'rth	b	93	59	0
Coonab'n.	b	82	60	0
F.M'cqrie	m	75	60	0
W'lcannia	o	95	60	0
Murr'ndi	b	81	49	0
Cassilis ..	b	81	60	0
Mus'br'ok	o	91	56	0
Dubbo ..	b	84	51	0
Menindie	b	94	55	0
Mudgee..	b	93	43	0
Maitland	b	85	52	0
Hill End .	b	—	—	0
Newcast'e	b	92	60	0
Orange .	b	75	46	0
Bathurst	b	84	40	0
13 62 Forbs	b	60	59	0
M.Vict'ria	b	77	45	0
Cond'b'in	b	71	53	0
Picton. ..	q	89	57	0
Carcoar..	b	82	46	0
Wentw'th	c	82	52	0
Young .	b	94	49	0
Woll'g'ng	b	95	57	0
Hay.....	c	82	51	0
Moss Vale	b	79	46	0·05
Euston ..	b	83	47	0
Goulburn	b	84	45	0·01
Wagga ..	p	85	45	0·04
Cape Geo.	b	94	43	0·07
Queanb'n	b	77	44	0
Deniliq'n	b	91	51	0
Moruya ..	b	92	55	0
Kiandra	c	92	17	0·32

Albury	c	85	50	0
B'd'lla	b	93	42	0
Cooma	c	82	48	0·05
Eden	p	87	57	0·02
Gabo	g	—	-	0

S 30·32 R 74 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·80 F 73

CLOUDY ON S COAST.
SYDNEY b 89 58 Rain 0·000

42 39 09 F 58

23 59 A 42 29·95F 54 34 55

42 29·82 F 54

23 55 Re

40 54 P 23 53 M

48 51 WP

CO

Ma 42 56
E 42 57
Go 40 62

B 3 72
C 56 78
PM 28 68
N 4 69
S 3 66
We 42 65
CG 42 60

R 3 65

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'r
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s,a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 9 60 on E. coast. For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEPT. 26 1882 with NOTES to 3 P.M.

Sydney Observatory

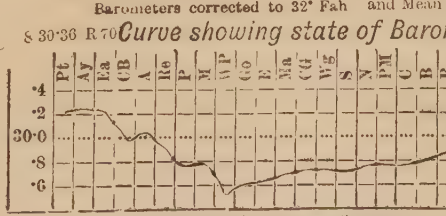
Lat. 33° 51′ 41″ S.; *Long.* 10h 4m 50·0s

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to August 31 . . 38·912
Total Rainfall from Jan. 1st to September 26 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x vel	R'fall
Casino ..	b	94 45	0
T'nt'rfield	b	76 41	0
Moree .	o	86 56	0
Grafton .	b	91 53	0
Gl'n Inn's	b	74 38	0
Inverell ..	b	71 53	0
Bourke ..	b	83 57	0
Narrabri .	b	89 45	0
Armidale.	b	76 —	0
Bendem'r	b	75 47	0
Gunned'h	-	— —	—
C'n'mble .	b	70 42	0
Tamw'rth	b	84 42	0
Coonab'n.	b	73 40	0
F.M'cq'rie	m	73 51	0
W'lcannia	g	70 52	0
Murr'ndi	b	71 48	0
Cassilis ..	c	71 49	0
Mus'br'ok	o	79 52	0
Dubbo ..	c	80 49	0
Menindie	b	79 54	0
Mudgee ..	g	74 50	0
Maitland	b	77 57	0
Hill End .	r	— —	0
Newcast'e	b	92 55	0
Orange .	c	69 45	0·06
Bathurst	g	62 47	0
⊘ 62 Forts	c	70 54	0
M. Vict'ria	g	56 43	0
Cond'b'in	g	64 34	0
Picton. .	g	69 53	0
Carcoar..	r	64 40	0·05
Wentw'th	c	68 53	0·01
Young .	g	71 48	0
Woll'g'ng	b	79 53	0
Hay.....	c	65 54	0
Moss Vale	g	89 45	0
Euston .	g	70 45	0·02
Goulburn	b	58 45	0
Wagga ..	c	62 47	0
Cape Geo.	-	— —	—
Queanb'n	b	70 45	0
Deniliq'n	b	52 45	0
Moruya .	.	—'—	--
Kiandra	f	48	8.1·45

Albury	p	61 48	0·22
B'd'lla	b	71 40	0
Cooma	c	57 37	0
Eden	b	66 49	0·01
Gabo	g	— —	0·07

8 30·36 R 70 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

42 29·96 R 70

CLOUDY ON S COAST.
SYDNEY b 72 55 Rain 0·000

42 39 06 F 58

13 59 A 14 29·87 F 55

34 57

23 55 Re

28 29·79 F 52

34 54 P 18 55 M

18 55 CO

18 55 WP 23 49

CG

Ma

E 14 54

Go 28 59

B 3 77

C 14 67

PM 14 64

N 5 68

S 16 63

W 14 65

R 3 66

WEATHER.
b-Blue sky
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Lt breeze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers fallen about 9 03 on S. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEP·T. 27 1882 with NOTES to 3 P.M.

Sydney Observatory

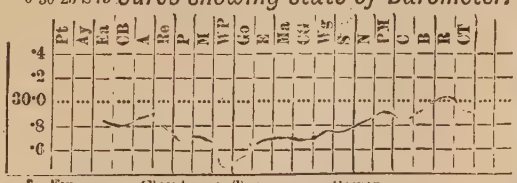
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 27 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	85 39		0
T'nt'rfield	b	68 41		0
Moree ..	b	79 50		0
Grafton.	b	95 48		0
Gl'n Inn's	b	68 39		0
Inverell..	b	76 42		0
Bourke ..	b	83 53		0
Narrabri.	b	80 39		0
Armidale.	b	65 —		0
Bendem'r	b	66 37		0
Gunned'h	-	— —		—
C'n'mble.	b	70 43		0
Tamw'rth	.	— —		—
Coonab'n.	b	69 32		0
F.M'eqrie	m	72 51		0
W'lcannia	b	80 50		0
Murr'ndi	b	64 46		0
Cassilis ..	o	61 51		0
Mus'br'ok	b	75 51		0
Dubbo ..	b	69 49		0
Menindie	b	73 48		0
Mudgee..	b	71 49		0
Maitland	b	75 57		0
Hill End.	b	— —		0
Newcast'e	b	74 52		0
Orange .	b	55 46		0
Bathurst	b	58 48		0
34 72				
Forbs	b	66 53		0
M.Vict'ria	b	54 44		0
Cond'b'in	b	68 48		0
Picton. ..	b	68 56		0
Carcoar..	b	64 40	0·10	
Wentw'th	b	71 49		0
Young .	b	69 32		0
Woll'g'ng	b	73 58		0
Hay.....	b	66 46		0
Moss Vale	b	58 47		0
Euston ..	c	69 39		0
Goulburn	b	59 45		0
Wagga ..	c	64 45		0
Cape Geo.	b	67 45		0
Queanb'n	b	61 51		0
Deniliq'n	c	67 51		0
Moruya .	.	— —	—	
Kiandra	f	48 17	0·53	

Albury	c	59 51	0·53
B'd'lla	b	70 40	0·01
Cooma	b	63 43	0
Eden	b	66 53	0
Gabo	b	— —	0·01

0 30·25 S 75 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

0 29·95 F 72

CLOUDY ON S COAST.
SYDNEY b 68 57 Rain 0·000

28 29 95 F 58

14 29·95R 55

14 29·85 R 59

18 57 A 28 53 Re

40 55 P 18 61 M

48 55 WP 56 53

CO

Ma E 14 62

Go 8 60

Wg 14 66

CG 42 64

S 9 66

N 6 67

PM 0 64

C 14 63

B 3 73

R 3 68

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
86-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·03 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT. 28 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S. ; *Long.* 10h 4m 50·8s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 21 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 28 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'ly	v	g'in
Casino	b	87	53	0
Tuttrfield	,	—	—	—
Moree	o	83	54	0
Grafton	b	87	59	0
Gl'n Inn's	b	74	37	0
Inverell..		—	—	—
Bourke	b	84	59	0
Narrabri	b	85	40	0
Armidale	b	67	—	0
Bendem'r	b	71	38	0
Gunned'h	-	—	—	—
Ch'mble	.	—	—	—
Tamw'rth	b	81	39	0
Coonab'n	b	77	39	0
P.M'cquie	m	73	53	0
Wilcannia	c	70	48	0
Murr'ndi	b	70	50	0
Cassilis ..	o	71	52	0
Mus'br'ok	b	82	57	0
Dubbo .	b	71	49	0
Menindie	g	80	59	0
Mudgee..	b	81	41	0
Maitland	c	73	63	0
Hill End .	b	—	—	0
Newcast'e	.b	80	53	0
Orange .	b	63	41	0
Bathurst	b	70	53	0
8 62				
Forts	b	73	53	0
M. Vict'ria	b	65	51	0
Cond'b'in	b	64	43	0
Picton. .	g	78	58	0
Carcoar..	b	64	45	0
Wentw'th	b	81	50	0
Young .	g	20	45	0
Woll'g'ng	c	81	58	0
Hay.....	b	75	62	0
Moss Vale	g	67	54	0
Euston .	b	79	49	0
Goulburn	b	68	53	0
Wagga ..	b	71	45	0
Cape Geo.	c	60	49	0
Queanb'n	b	64	53	0
Deniliq'n	b	75	54	0
Moruya .	b	73	61	0
Kiandra	b	57	18	0

Albury	b	71	52	0
B'd'lla	b	73	48	0
Cooma	q	59	50	0
Eden	b	58	43	0
Gabo	b	—	-	0

Curve showing state of Barometer.

0 30·18 R 83

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy . very heavy.

14 29·80 F 78

CLOUDY ON S COAST.

SYDNEY b 78 66 Rain 0·000

56 29 94 F 56

28 29·88 F 60

28 29·88 F 60

23

WEATHER.

b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
s-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.

1-3-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

R 3 61
B 3 68
C 14 71
PM 0 66
N 4 73
S 13 72
Wg 56 73
CG 42 60
Ma 14 62
E 14 66
Go 13 31
WP 34 50
M 54
P 48 52
Re 34 55
A 18 58
18 58
CO 56 51

W E S

Barometers fallen about 9·13 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., SEP.T. 29 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m 50·9s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 29 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	r'fin
Casino .	b	92 48		0
Tent'rfield	o	78 40		0
Moree .	b	86 60		0
Grafton.	b	92 54		0
Gl'n Inn's	o	74 39		0
Inverell ..	b	77 49		0
Bourke ..	b	89 56		0
Narrabri.	b	94 40		0
Armidale.	b	70 —		0·02
Bendem'r	b	76 40		0·01
Gunned'h	-	—	—	—
C'n'mble .	b	83 43		0·05
Tamw'rth	.	—	—	—
Coonab'n.	b	80 32		0
L.M'cqrie	m	83 55		0
W'lcannia	b	79 56		0
Murr'ndi	b	73 43		0
Cassilis ..	o	76 47		0
Mus'br'ok	b	87 47		0
Dubbo ..	b	76 47		0
Menindie	b	72 50		0
Mudgee..	b	83 38		0
Maitland	b	84 53		0
Hill End .	b	—	—	0
Newcast'e	b	84 54		0
Orange .	n	64 35		0
Bathurst	b	70 32		0
40 63				
Forbes	b	67 50		0·02
M.Vict'ria	b	65 38		0
Cond'b'in	b	65 44		0
Picton. ..	b	78 40		0
Carcoar..	b	66 38		0·12
Wentw'th	g	81 47		0
Young .	b	74 39		0
Woll'g'ng	.	—	—	—
Hay.....	c	71 50		0
Moss Vale	b	69 38		0
Euston ..	b	72 41		0
Goulburn	b	67 31		0
Wagga ..	b	71 34		0
Cape Geo.	.	83 43		—
Queanb'n	b	68 38		0
Deniliq'n	b	70 45		0
Moruya .	.	—	—	—
Kiandra	n	70 5		0
Albury	c	71 35		0
B'd'lla	b	73 41		0
Cooma	n	60 32		0
Eden	b	74 59		0
Gabo	b	—	—	0

Curve showing state of Barometer.

34 30·04 F 80

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizaling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

MPs WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m,9·19s,a.m, Greenwich Mn. Time
MAG, VAR, 9°35′30″ E.

CLOUDY ON S COAST.
SYDNEY b 81 54 Rain 0·000

42 29·89 R 76
56 29 79 F 63
28 29·89R 52
14 29·89 R 53
23 70 A 48 57
48 60 Ro
48 57 P 23 60 M
48 58 CO
23 WP 23 51
Ma E 14 60
Gc 23 60
CG 28 56
W9
S 1 63
N 2 70
PM 0 69
C 14 74
B 3 77
R 3 73

Barometers fallen about 9 30 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., SEPT 30 1882 with Notes to 3 P.M.

Sydney Observatory

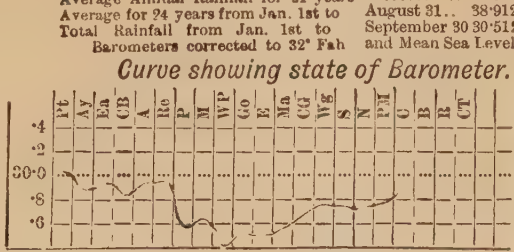
Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m 50s

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to August 31.. 38·912
Total Rainfall from Jan. 1st to September 30 30·512.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	b	89	45	0
T'nt'rfield	.	—	—	—
Moree ..	o	91	64	0
Grafton..	b	82	53	0
Gl'n Inn's	b	78	43	0
Inverell ..	b	80	53	0
Bourke ..	b	93	73	0
Narrabri.	g	95	60	0
Armidale.	b	73	—	0
Bendem'r	b	72	46	0
Gunned'h	-	—	—	—
C'n'mble.	b	81	63	0
Tamw'rth	b	90	44	0
Coonab'n.	o	83	50	0
F.M'cq'rie	c	75	60	0
W'ccannia	g	92	65	0
Murr'ndi	o	77	56	0
Cassilis ..	o	77	55	0
Mus'br'ok	b	86	58	0
Dubbo ..	c	78	49	0
Menindie	b	93	58	0
Mudgee..	g	83	38	0
Maitland	q	83	56	0
Hill End .	c	—	—	0
Newcast'e	b	96	61	0
Orange .	g	—	42	0
Bathurst	g	75	45	0
0 61				
Forbes	b	78	59	0
M. Vict'ria	.	—	—	—
Cond'b'in	c	69	—	0
Picton. ..	q	81	48	0
Carcoar..	g	62	42	0
Wentw'th	b	92	51	0
Young .	b	78	54	0·06
Woll'g'ng	b	90	60	0
Hay.....	b	86	54	0
Moss Vale	r	72	52	0·03
Euston ..	b	91	45	0
Goulburn	q	76	48	0·13
Wagga ..	b	79	51	0
Cape Geo.	g	68	50	0·07
Queanb'n	c	69	44	0·16
Deniliq'n	b	84	47	0
Moruya .	g	82	56	0·04
Kiandra	.	—	—	—

Alb'ry	b	71	50	0·03
B'd'lla	b	83	52	0
Cooma	p	69	43	0·38
Eden	b	75	57	0·02
Gabo	g	—	—	0·21

Curve showing state of Barometer.



WEATHER.
b-Blue sky .
c-Scatter'd cl'uds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't brze
23-Mod.
34-Fresh ,,
50-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s,a.m. Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

wind N wind E wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth very heavy.

42 29 93 R 79

CLOUDY ON S COAST.
SYDNEY q 85 62 Rain 0·000

42 29·99 R 57

22 29·85 F60

28 29·88 F 56

Barometers fallen about 9 30 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

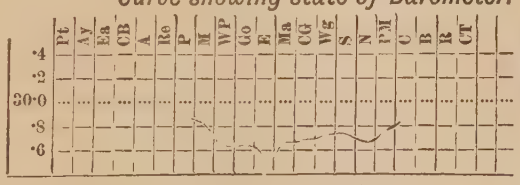
COMPILED from TELEGRAMS for 9 A.M., OCT" R 2 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30, 38·912
Total Rainfall from Jan. 1st to October 2 — 30·516.
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



[illegible] wind S wind W
[illegible] closed without the arrow
[illegible] very heavy.

56 30 00 R 66

CLOUDY ON S COAST.
SYDNEY b 71 56 Rain 0·006

42 30 14 R 52

56 20 95 R50

WIND SCALE.
13-Li't breze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s,a.m.
Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

R 42 73
PM 28 71
N 2 76
S 28 69
Wg 28 61
CG 14 56
Ma 14 58
E 18 60
Go 34 48
WP 40 48
M 23 72
P 40 50
Re
A
B
C
W
E
S

Barometers risen about 0·10 on E. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	Mn	R'in
Casino ..	b	103	69	0
T'nt'rfield	.	—	—	—
Moree ..	.	—	—	—
Grafton .	b	99	52	0
Gl'n Inn's	.	—	—	—
Inverell ..	.	—	—	—
Bourke ..	g	97	62	0
Narrabri :	.	—	—	0
Armidale.	b	80	—	0
Bendem'r	—	—	—	—
Gunned'h	c	92	66	0
C'n'mble .	c	85	63	0
Tamw'rth	b	97	52	0
Coonab'n.	b	82	50	0
F.M'cqrie	m	75	61	0
W'lcannia	g	83	51	0
Murr'ndi	-	—	—	—
Cassilis ..	o	83	45	0
Mus'br'ok	b	93	55	0
Dubbo ..	c	79	49	0
Menindie	b	84	54	0·13
Mudgee..	b	82	36	0
Maitland	q	89	57	0
Hill End .	b	—	—	0
Newcast'e	b	77	58	0
Orange .	g	64	45	0
Bathurst	b	79	29	0
Forbes	p	79	42	0
M. Vict'ria	b	75	40	0
Cond'b'in	p	58	35	0
Picton.	b	79	45	0
Carcoar	g	70	35	0
Wentw'th	b	47	30	0·36
Young	.	—	—	—
Woll'g'ng	.	—	—	—
Hay . .	.	—	—	—
Moss Va'e	.	—	—	—
Euston	b	79	42	0·30
Goulburn	r	77	52	0
Wagga .	r	76	38	0·14
Cape Geo.	c	84	41	0
Queanb'n	r	6	38	0·1
Deniliq'n	p	78	44	0·40
Moruya .	p	75	50	0
Kiandra	.	—	—	—
Albury	.	—	—	—
B'd'lla	c	79	32	0
Cooma	c	72	42	0·03
Eden	g	64	57	0
Gabo	g	—	—	0

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., OCT" R 3 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for [illegible] years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 3 — 30·516.
Barometers corrected to 32° Fah and Mean Sea Level

30·23 F 75 *Curve showing state of Barometer.*

wind N. wind E. wind S. wind W.
If it is CALM, the symbol is used without the arrow
sea smooth very heavy.

Stations.	wt	M'x	m'n	R'in
Casino ..	b	97	57	0
T'nt'rfield	g	86	46	0
Moree ..	b	91	53	0
Grafton.	b	100	54	0
Gl'n Inn's	.	—	—	—
Inverell ..	.	—	—	—
Bourke ..	g	71	48	0
Narrabri.	b	88	44	0
Armidale.	b	79	—	0
Bendem'r	b	84	36	0
Gunned'h	b	91	50	0
C'n'mble.	b	79	40	0
Tamw'rth	b	91	34	0
Coonab'n.	b	82	30	0
F.M'cqrie	b	90	56	0
W'lcannia	b	70	50	0
Murr'ndi	o	82	43	0
Cassilis ..	b	75	45	0
Mus'br'ok	b	89	42	0
Dubbo ..	b	73	41	0
Menindie	b	62	46	0
Mudgee..	b	73	34	0
Maitland	b	91	50	0
Hill End .	b	—	—	0
Newcast'e	b	90	47	0
Orange .	n	52	32	0
Bathurst	b	55	28	0·04
23 70 Forbs		61	39	0·13
M. Vict'ria	b	57	35	0
Cond'b'in	b	60	38	0
Picton.	b	68	34	0
Carcoar..	n	68	34	0·74
Wentw'th	b	64	39	0
Young	b	66	31	0·06
Woll'g'ng	b	78	48	0
Hay....	b	60	40	0
Moss Vale	.	—	—	—
Euston ..	.	—	—	—
Goulburn	.	—	—	—
Wagga ..	.	—	—	—
Cape Geo.	b	76	35	0
Queanb'n	.	—	—	—
Deniliq'n	b	78	47	0
Moruya .	.	—	—	—
Kiandra	.	—	—	—
Albury	b	62	31	0·05
B'd'lla	.	—	—	—
Cooma	.	—	—	—
Eden	.	—	—	—
Gabo	.	—	—	—

CLOUDY ON S COAST.
SYDNEY b 71 51 Rain 0·000

28 30 22 R 60
28 30 35 R 55
030·25 R 55
0 30·22 -53

WIND SCALE.
13-Li't brse
23-Mod. "
34-Fresh "
56-Strg gale
35-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·40 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT^BER 4 1882 with NOTES to 3 P.M.

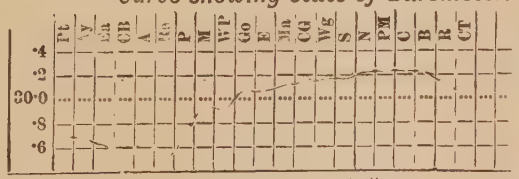
Sydney Observatory

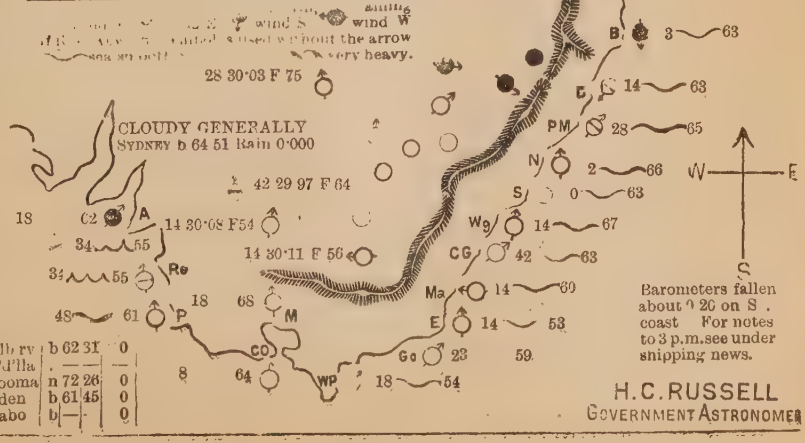
Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m ...

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 4 — 30·516.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	rn	R'in
Casino ..	r	81	52	0
Tnt'rfield	d	72	50	0
Moree ..	p	84	59	0·34
Grafton..	r	75	53	0·01
Gl'n Inn's	r	73	48	0·14
Inverell..	b	86	43	0·19
Bourke ..	b	73	52	0
Narrabri..	g	92	51	0
Armidale.	b	67	—	0
Bendem'r	b	72	52	0
Gunned'h	b	91	50	0
C'n'mble.	b	74	50	0
Tamw'rth	.	—	—	—
Coonab'n.	b	81	43	0
F.M'cqrie	c	69	63	0
W'lcannia	b	73	50	0
Murr'ndi	o	68	40	0
Cassilis ..	b	75	50	0
Mus'br'ok	b	76	48	0
Dubbo ..	b	68	48	0
Menindie	.	—	—	—
Mudgee..	b	83	45	0
Maitland	b	70	56	0
Hill End.	b	—	—	0
Newcast'e	b	89	60	0
Orange .	b	60	41	0
Bathurst	b	79	36	0
Forbs	b	66	43	0
M,Vict'ria	b	65	41	0
Cond'b'in	b	70	50	0
Picton. .	b	64	51	0
Carcoar..	b	73	52	0
Wentw'th	c	75	48	0
Young .	b	78	40	0
Woll'g'ng	o	72	49	0
Hay.....	b	71	55	0
Moss Vale	b	65	45	0
Euston ..	b	76	47	0
Goulburn	b	71	31	0
Wagga ..	b	65	34	0
Cape Geo.	b	65	40	0
Queanb'n	b	61	38	0
Deniliq'n	b	70	44	0
Moruya ..	b	67	61	0
Kiandra	n	93	3	1·55
Albury	b	62	31	0
B'd'lla	.	—	—	—
Cooma	n	72	26	0
Eden	b	61	45	0
Gabo	b	—	—	0

Curve showing state of Barometer.





WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND SCALE.
13-Li't breze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·26 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., OCT^{R} 5 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10[illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 5 — 30·518.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	w'r	a'in
Casino ..	c	72	59	0·37
T'nt'rfield	g	69	49	0·59
Moree ..	r	63	6	0·20
Grafton ..	g	78	55	0·04
Gl'n Inn's	g	61	49	0·04
Inverell ..	g	82	56	0·12
Bourke ..	g	88	6	0·38
Narrabri .	p	70	55	0
Armidale.	g	64	—	0
Benden'r	g	73	52	0
Gunned'h	g	87	61	0·15
C'n'mble .	b	72	57	0·50
Tamw'rth	c	83	54	0
Coonab'n.	p	74	53	0·51
F.M'cq'rie	m	7[illegible]	62	0
W'lcannia	b	89	36	0·37
Murr'ndi	p	76	60	0
Cassilis ..	d	75	57	0·07
Mus'b'rok	g	90	58	0
Dubbo ..	p	77	48	0·33
Menindie	b	86	57	0
Mudgee ..	r	84	56	0·25
Maitland	c	80	59	0
Hill End .	r	—	—	0
Newcast'e	b	88	59	0
Orange .	r	70	49	0·38
Bathurst	r	78	54	0·30
13	59			
Forbs	g	80	50	0·43
M.Vict'ria	g	74	54	0
Cond'b'in	r	62	40	0·45
Picton. ..	m	78	36	0
Carcoar..	r	68	45	0·41
Wentw'th	b	82	52	0·29
Young .	r	85	56	0·40
Woll'g'ng	m	75	59	0
Hay.....	g	82	53	0·39
Moss Vale	g	72	53	0
Euston .	b	85	48	0
Goulburn	g	81	56	0·01
Wagga ..		—	—	—
Cape Geo.	g	65	57	0·03
Queanb'n	c	69	40	0·16
Deniliq'n	p	83	52	0
Moruya ..	m	66	55	0·27
Kiandra	r	75	27	0

Alb'ry	r	77	52	0
B'd'lla	b	7[illegible]	49	0
Cooma	c	76	50	0
Eden	c	64	58	0·10
Gabo	g	—	—	0

8 30 17 R 73 *Curve showing state of Barometer.*

	Pc	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

wind N wind E wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. very heavy.

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

WIND MT^{R} **SCALE.**
13-Li't breeze
23-Mod. ,,
34-Fresh ,,
50-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 29·96 F 69

CLOUDY GENERALLY
SYDNEY g 69 61 Rain 0·000

28 30·06 R 57

14 29·94 F60

28 29·87 F 53

Barometers fallen about 9 26 on S coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

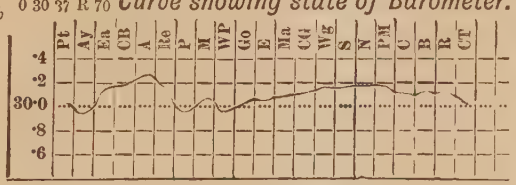
COMPILED from **TELEGRAMS** for 9 A.M., OCT" R 6 1882 with **NOTES** to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·91

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 6 — 30·530.
Barometers corrected to 32° Fah and Mean Sea Level

0 30 37 R 70 *Curve showing state of Barometer.*



Stations.	wt	m'x	mn	R'in
Casino ..	g	85	64	0·25
T'nt'rfield	r	75	54	1·75
Moree ..	g	73	42	0·24
Grafton ..	r	78	65	1·01
Gl'n Inn's	g	66	55	0·74
Inverell ..	b	81	46	0·98
Bourke ..	r	81	57	0
Narrabri ..	b	72	60	0
Armidale.	b	68	—	0·64
Bendem'r	g	65	55	0·68
Gunned'h	–	—	—	—
C'n'mble .	b	72	52	0·04
Tamw'rth	b	71	56	0·35
Coonab'n.	b	65	51	0·36
F.M'cqrie	c	72	64	0·29
W'leannia	–	—	—	–
Murr'ndi	b	76	55	0
Cassilis ..	b	89	77	0·37
Mus'br'ok	b	77	55	0 35
Dubbo ..	b	73	51	0·21
Menindie	b	73	50	0
Mudgee ..	b	65	47	0·12
Maitland	b	77	63	0
Hill End .	b	—	—	0·22
Newcast'e	b	87	59	0
Orange .	b	61	44	0·24
Bathurst	b	65	42	0·06
18 70 Forbes	b	72	49	0·32
M. Vict'ria	b	62	43	0·07
Cond'b'in	b	65	44	0·40
Picton. ..	b	77	46	0
Carcoar ..	b	74	44	0·40
Wentw'th	b	68	44	0
Young ..	b	69	39	0·34
Woll'g'ng	b	72	52	0
Hay.....	o	68	51	0
Moss Vale	b	70	45	0·10
Euston ..	b	80	33	0
Goulburn	b	72	37	0·09
Wagga ..	b	70	38	0·11
Cape Geo.	b	73	40	0
Queanb'n	b	67	42	0
Deniliq'n	b	70	40	0
Moruya ..	b	82	47	0
Kiandra	b	82	13	0·33

Albury	b	70	37	0·02
B'd'lla	b	83	38	0
Cooma	b	72	68	0
Eden	b	68	55	0
Gabo	b	—	-	0

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

wind N. wind E. wind S. wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy . very heavy.

CLOUDY ON S COAST.
SYDNEY b 75 60 Rain 0·012

28 30·21 R 68
14 30·33 R 58
0 30·36 R58
14 30·19 R 56

Barometers risen about 9 2C on E coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 7 1882 with NOTES to 3 P.M.

Sydney Observatory

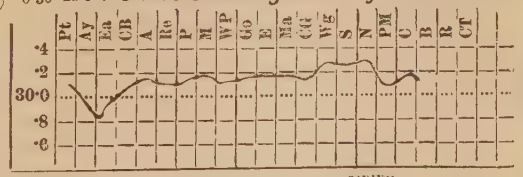
Lat. 33° 51′ 41″ S. ; *Long.* 10h 4m ... E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 7 — 30·530.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	s'x	x'n	R'in
Casino ..	b	72	49	0·19
T'nt'rfield	t	71	50	0
Moree ..	b	81	53	0
Grafton..	b	80	55	0·08
Gl'n Inn's	b	75	42	0
Inverell..	–	—	—	—
Bourke ..	b	79	56	0·09
Narrabri :	b	92	65	0
Armidale.	b	71	—	0
Bendem'r	b	73	41	0
Gunned'h	b	72	60	0
C'n'mble.	.	—	—	—
Tamw'rth	b	82	42	0
Coonab'n.	b	73	42	0
E.M'cqrie	m	70	—	0
W'lcannia	.	—	—	—
Murr'ndi	b	73	46	0
Cassilis ..	b	70	40	0
Mus'br'ok	b	82	49	0
Dubbo ..	b	72	50	0
Menindie	b	78	53	0
Mudgee..	b	84	42	0
Maitland	b	77	53	0
Hill End .	.	—	—	—
Newcast'e	b	75	53	0
Orange .	b	60	37	0
Bathurst	b	67	32	0
34 86				
Forbs	b	71	47	0
M. Vict'ria	b	69	15	0
Cond'b'in	b	70	50	0
Picton. ..	b	76	41	0
Carcoar..	b	70	40	0
Wentw'th	b	77	50	0
Young ..	b	78	42	0
Woll'g'ng	b	75	48	0
Hay.....	n	73	56	0
Moss Vale	b	67	43	0
Euston ..	b	72	37	0
Goulburn	b	68	37	0
Wagga ..	b	63	39	0
Cape Geo.	b	67	46	0
Queanb'n	b	66	43	0
Deniliq'n	b	75	45	0
Moruya ..	b	68	45	0
Kiandra	n	37	7	0

Alb'ry	b	70	42	0
B'd'lla	b	69	39	0
Cooma	n	69	31	0
Eden	b	65	59	0
Gabo	.	—	—	—

0 30 13 F 78 *Curve showing state of Barometer.*



wind N. wind E wind S. wind W

If it is CALM, the symbol is used without the arrow.

sea smooth very heavy.

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
w-Threatening

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

FINE GENERALLY
SYDNEY b 70 54 Rain 0·000

2s 30·19 F 68

28 30 31 F 67

14 30·24 F69

0 30·23 R 56

Barometers risen about 9 10 on E coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 9 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50 *s.* E.

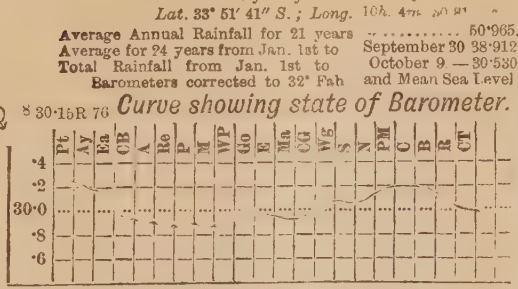
Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 9 — 30·530.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	mn	R'in
Casino ..	b	84 47		0
Tenterfield	r	75 46		0
Moree ..	b	86 63		0
Grafton ..	b	82 56		0
Gl'n Inn's	b	81 43		0
Inverell ..	b	63 45		0
Bourke ..	u	93 70		0
Narrabri ..	b	95 63		0
Armidale.	b	73 —		0
Bendem'r	b	79 46		0
Gunned'h	b	85 64		0
C'n'mble ..	b	85 56		0
Tamw'rth		—	—	—
Coonab'n.	u	82 51		0
P.M'cqrie	b	75 58		0
W'lcannia	—	—	—	—
Murr'ndi	b	77 49		0
Cassilis ..	c	79 61		0
Mus'br'ok	b	91 63		0
Dubbo ..	u	75 49		0
Menindie	b	85 60		0
Mudgee..	u	86 46		0
Maitland	c	74 55		0
Hill End .	u	— —		—
Newcast'e	b	74 62		0
Orange .	c	73 52		0
Bathurst	r	79 42		0·02
23 63				
Forbs	g	69 53		0
M.Vict'ria	u	75 50		0
Cond'b'in	b	72 52		0
Picton. ..	u	81 60		0·03
Carcoar..	p	75 46		0·03
Wentw'th	u	87 56		0·01
Young ..	b	88 46		0
Wolf g'ng	c	73 51		0
Hay.....	b	85 59		0
Moss Vale	u	79 45		0
Euston ..	c	80 47		0
Goulburn	g	71 42		0
Wagga ..	b	82 43		0
Cape Geo.	c	83 46		0
Queanb'n	b	73 45		0
Deniliq'n	b	85 53		0
Moruya ..	b	69 52		0
Kiandra	b	87 15		0

Albury	b	83	43	0
B'd'lla	b	74	35	0
Cooma	b	78	36	0
Eden	b	65	52	0
Gabo		—	—	—

Curve showing state of Barometer.

8 30·15R 76



wind N. wind E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
Sea smooth. heavy. very heavy.

14 30·01 — 80

FINE GENERALLY
SYDNEY g 70 59 Rain 0·000

14 30·04 F 62

8 63 A 1429·97 F 65 0

23 54

14 29 90 F 63

Re

23 — 60

18 — 57 P 63 M

CO

0 — 62 WP 18 — 57

Ma 14 — 63

E 14 61

Go 0 — 63

CG 28 — 63

Wg 42 — 70

S 5 — 67

N 2 — 71

PM 14 — 66

C — 69

B — 73

R — 79

TIME BALL
Drops at 1 p.m, S.M.T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E

S

Barometers fallen about 9 23 on S.E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., OCT. 10 1882 with **NOTES** to 3 P.M.

Sydney Observatory

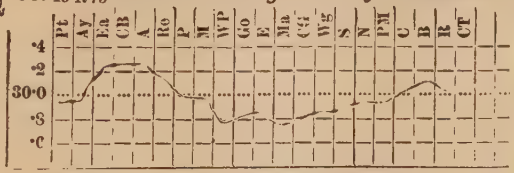
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50 *s.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 10— 30·553.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	Mn	R'fn
Casino ..	b	88	48	0
T'nt'rfield	t	79	47	0
Moree ..	g	85	66	0
Grafton..	c	87	54	0
Gl'n Inn's	g	82	45	0
Inverell..	g	81	44	0
Bourke ..	c	84	66	0·25
Narrabri :	c	82	51	0
Armidale.	g	76	—	0
Bendem'r	g	80	50	0
Gunned'h	-	—	-	—
C'n'mble .	c	82	67	0·08
Tamw'rth	c	94	53	0
Coonab'n.	u	83	59	0
F.M'cqrie	g	79	60	0
W'lcannia	-	—	-	—
Murr'ndi	g	79	58	0
Cassilis ..	u	73	63	0
Mus'br'ok	g	95	62	0
Dubbo ..	p	73	61	0·42
Menindie	b	85	55	0·08
Mudgee..	r	83	57	0·25
Maitland	b	86	63	0
Hill End .	r	—	—	0·23
Newcast'e	g	77	60	0
Orange .	r	65	54	0
Bathurst	r	68	54	0·41
13 61.				
Forbes	g	75	50	0·58
M. Vict'ria	u	74	48	0
Coon'b'in	b	66	45	0·38
Picton...	u	82	57	0·05
Carcoar..	r	61	50	0·55
Wentw'th	b	79	50	0
Young ..	c	85	54	0·32
Woll'g'ng	u	86	51	0
Hay.....	b	86	52	0
Moss Vale	-	—	-	—
Euston ..	b	86	42	0
Goulburn	c	82	54	0·04
Wagga ..	b	87	52	0·49
Cape Geo.	g	82	56	0·22
Queanb'n	g	77	56	0·20
Deniliq'n	b	90	47	0·04
Moruya ..	g	87	62	0
Kiandra	c	91	18	2·17

Albury	b	85	52	0·42
B'd'lla	g	79	61	0·04
Cooma	b	76	53	0·10
Eden	g	72	55	0·47
Gabo	p	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

8 30·19 R 73

28 30·01 S 75

CLOUDY GENERALLY
SYDNEY g 72 63 Rain 0·023

42 30·24 R 55

14 30·06 R 57

14 29·97 R 58

TIME BALL
Drops at 1 p.m. S M T, or 2h.55m.9·19s, a.m, Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 18 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 11 1882 with NOTES to 3 P.M.

Sydney Observatory

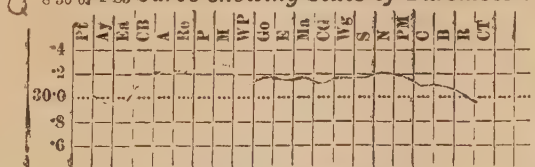
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m* 50·21*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 11— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vr	r'in
Casino	.	—	—	—
Tent'field	.	—	—	—
Moree	b	74	57	0
Grafton	b	83	62	0
Gl'n Inn's	b	71	42	0
Inverell	b	81	47	0
Bourke	b	81	53	0
Nyngan	b	84	62	0
Armidale	b	67	—	0·21
Bendem'r	.	—	—	—
Gunned'h	b	77	55	0·15
C'n'mble	b	75	49	0·03
Tamw'rth	b	82	52	0
Coonab'n	b	76	39	0·22
J.M'cpric	b	70	60	0
Wilcannia	—	—	—	—
Murr'mb	c	80	47	0·20
Cassilis	c	71	5	0·21
Mus'br'ok	b	85	54	0
Dubbo	a	76	53	0
Menindie	b	71	49	0
Mudgee	b	80	39	0·20
Maitland	c	81	62	0
Hill End	b	—	—	0·08
Newcast'e	b	81	57	0·12
Orange	b	64	55	0·11
Bathurst	b	66	35	0·10
18 66				
Forbes	b	76	46	0
M.Viet'ria	b	63	35	0
Cond'b'in	b	60	41	0
Picton	b	76	40	0·30
Carcoar	a	70	36	0·20
Wentw'th	b	70	40	0
Young	b	80	37	0
Wolf'g'ng	b	82	4	0
Hay	.	—	—	—
Moss Vale	.	—	—	—
Euston	b	70	31	0
Goulburn	b	67	31	0
Wagga	b	67	35	0
Cape Geo.	b	67	35	0
Queanb'n	b	69	39	0
Deniliq'n	b	70	39	0
Mornya	b	69	45	0
Kiandra	b	85	b	0

Albury	b	66	32	0
B'd'lla	b	69	19	0
Cooma	n	79	27	0
Eden	b	63	45	0
Gabo	b	—	—	—

8 30·07 F 83 *Curve showing state of Barometer.*



wind N. wind E. wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·13 R 68

FINE GENERALLY
SYDNEY b 78 52 Rain 0·028

28 30·35 R 55

30·27R 49

30·20 R 60

TIME BALL
Drops at 1 p.m. S.M.T.
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 9 35 on E. coast *For notes to 3 p.m.* see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

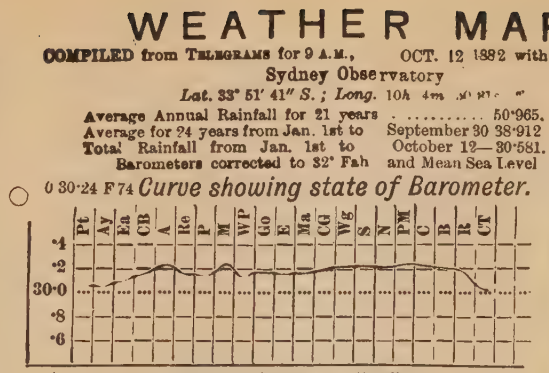
COMPILED from TELEGRAMS for 9 A.M., OCT. 12 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.* ; *Long.* 10h 4m [illegible]

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 12— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	r'in
Casino ..	g	76 59		0
T'nt'rfield	g	76 48		0
Moree ..	c	87 62		0
Grafton ..	c	80 62		0
Gl'n Inn's	g	79 52		0
Inverell ..	b	81 52		0
Bourke ..	b	80 57		0
Narrabri .	c	96 58		0
Armidale.	b	71 —		0
Bendem'r	b	74 46		0
Gunned'h	b	80 59		0
C'n'mble .	b	72 46		0
Tamw'rth	b	89 52		0
Coonab'n.	b	79 43		0
F.M'cqrie	b	72 68		0
W'lcannia	–	— —		—
Murr'ndi	b	75 47		0
Cassilis ..	g	73 51		0
Mus'br'ok	b	81 52		0
Dubbo ..	c	74 53		0
Menindie .	.	— —		—
Mudgee ..	b	80 51		0
Maitland	c	75 57		0
Hill End .	b	— —		0
Newcast'e	g	80 58		0
Orange .	c	61 45		0
Bathurst	b	69 45		0
0 71				
Forbs	b	69 51		0
M. Vict'ria	g	68 45		0
Cond'b'in	c	60 39		0
Picton. ..	g	70 49		0
Carcoar ..	g	62 47		0
Wentw'th	.	— —		—
Young ..	b	79 47		0
Woll'g'ng	.	— —		—
Hay.....	.	— —		—
Moss Vale	b	67 49		0
Euston ..	.	— —		-
Goulburn	b	73 47		0
Wagga ..	.	— —		—
Cape Geo.	g	65 45	0	Alb'ry b 67 39 0
Queanb'n	b	63 46	0	B'd'lla b 68 47 0
Deniliq'n	b	72 40	0	Cooma b 72 36 0
Moruya ..	b	65 54	0	Eden b 63 47 0
Kiandra	b	91 10	0	Gabo b — —



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·14 R 62

FINE GENERALLY
SYDNEY g 68 57 Rain 0·000

0 73 A 0 30·2 F 60 D
8 63
23—66 R
13—60 P
8 64 M
14 30 19 F 56
8—63 CO
8—56 WP
G 8—58
E 14 55
Ma 14—65
CG 14—60
Wg 9—62
S 9—62
N 3—34
PM 0—37
C 28—70
B 3—70
R 8 75

TIME BALL
Drops at 1 p.m, S M T
or 2h.55m.9·19s,a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 13 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m. 50·8s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 13— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	p	71	59	0·01
T'nt'rfield	g	74	51	0
Moree ..	g	82	64	0
Grafton..	g	73	63	0
Gl'n Inn's	g	66	51	0·12
Inverell..	g	81	45	0
Bourke ..	b	83	60	0
Narrabri.	b	96	54	0
Armidale.	b	67	—	0
Bendem'r	b	76	47	0
Gunned'h	b	82	59	0
C'n'mble.	b	94	55	0
Tamw'rth	b	88	73	0
Coonab'n.	b	79	48	0
F.M'cqrie	c	74	58	0
W'lcannia	–	—	—	—
Murr'ndi	b	71	47	0
Cassilis ..	o	73	52	0
Mus'br'ok	b	82	51	0
Dubbo ..	b	74	52	0
Menindie	b	77	51	0
Mudgee..	b	78	48	0
Maitland	b	77	55	0
Hill End .	b	—	—	0
Newcast'e	b	71	56	0
Orange .	b	61	45	0
Bathurst	b	73	41	0
13 76				
Forbes	c	73	47	0
M. Vict'ria	o	70	44	0
Cond'b'in	b	72	51	0
Picton. ..	b	74	52	0
Carcoar..	b	75	45	0
Wentw'th	b	84	69	0
Young .	b	85	42	0
Woll'g'ng	b	75	52	0
Hay.....	b	79	55	0
Moss Vale	b	70	52	0
Euston ..	b	86	36	0
Goulburn	b	77	47	0
Wagga ..	b	74	45	0
Cape Geo.	b	65	40	0
Queanb'n	b	68	47	0
Braidwood	b	81	45	0
Moruya.	b	67	50	0
Kiandra	b	97	15	0
Albury	b	76	43	0
B'd'lla	b	72	41	0
Cooma	b	76	45	0
Eden	b	65	49	0
Gabo	b	—	—	—

0 30·12 F 72 *Curve showing state of Barometer.*

Pt | Ay | Ea | CB | A | Re | P | M | WP | Go | E | Ma | CG | Wg | S | N | PM | C | B | R | CT

·4 ·2 30·0 ·8 ·6

○ Fine wind N. ◐ Cloudy wind E. ◑ Storm, wind S. ◒ Raining, wind W

If it is CALM, the symbol is used without the arrow. ~ sea smooth. ~~ heavy . ~~~ very heavy.

28 30·05 F 76

FINE GENERALLY
SYDNEY b 67 57 Rain 0·000

28 30·27 —71

8 72 A 14 30·26 F 78 0

18 59 Re

14 30 26 F 63

0 — 60 3 69 M

13 — 60 P CO

13 — 30 WP 13 — 62

R 3 72

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s, a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 — 67

C 28 — 70

PM 0 — 38

N 8 — 65

S 4 — 66

Ws 14 — 66

CG 0 — 64

Ma 14 — 65

E 14 60

Go 0 — 69

W E S

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 14 1882 with NOTES to 3 P.M.

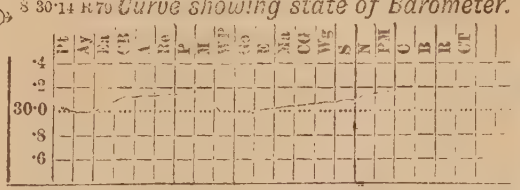
Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h* 4*m* 50 *s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 14— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	x'n	R'in
Casino ..	c	70	57	0·18
T'nt'rfield	r	72	59	0·33
Moree ..	g	70	40	0·02
Grafton..	c	70	59	0
Gl'n Inn's	g	65	49	0·02
Inverell..	b	81	48	0
Bourke ..	g	85	61	0
Narrabri..	b	82	53	0
Armidale.	b	68	—	0
Bendem'r	b	76	49	0
Gunned'h	–	—	—	—
C'n'mble.	b	82	52	0
Tamw'rth	b	91	51	0
Coonab'n.	b	82	52	0
F.M'cqrie	b	76	56	0
W'lcannia	–	—	—	—
Murr'undi	b	75	53	0
Cassilis ..	b	70	51	0
Mus'br'ok	b	82	54	0
Dubbo ..	b	77	53	0
Menindie	b	84	58	0
Mudgee..	b	86	50	0
Maitland	b	77	57	0
Hill End .	.	—	—	—
Newcast'e	b	71	58	0
Orange .	b	69	46	0
Bathurst	b	76	49	0
8 69. Forts	b	78	57	0
M. Vict'ria	b	71	47	0
Cond'b'in	b	79	52	0
Picton. ..	b	78	50	0
Carcoar..	g	68	52	0
Wentw'th	b	89	54	0
Young ..	b	90	46	0
Woll'g'ng	b	57	51	0
Hay.....	b	84	59	0
Moss Vale	b	73	50	0
Euston ..	.	—	—	—
Goulburn	b	80	43	0
Wagga ..	.	—	—	—
Cape Geo.	b	71	45	0
Queanb'n	b	72	51	0
Deniliq'n	.	—	—	—
Moruya .	b	68	52	0
Kiandra	b	99	10	0
Albury	b	81	45	0
B'd'lla	b	77	50	0
Cooma	b	83	38	0
Eden	b	67	57	0
Gabo	.	—	—	—

8 30·14 E 70 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. Storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

~ sea smooth. ~~ heavy. ~~~ very heavy.

TIME [illegible]
Dropsa[illegible] M.T
or 2h.55 [illegible]
Greenwich [illegible]
Mag. Var. 9 [illegible]

14 30·05 S 67

FINE GENERALLY
SYDNEY b 70 57 Rain 0·000

14 30·17 E 71

14 30·08 E 65

0 73 A 23 60 23 59 Re 13 58 P 8 54 M 13 52 CO WP 23 55 Ma 14 64 E 0 58 Gc 8 62 CG 28 67 W 14 68 S 2 67 N 3 67 PM 28 68 C 0 69

Barometer [illegible]
above [illegible]
[illegible]
[illegible]
slope [illegible]

H. C. RUSSELL
GOVERNMENT ASTRONO[illegible]

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 16 1882 with NOTES to 3 P.M.

Sydney Observatory

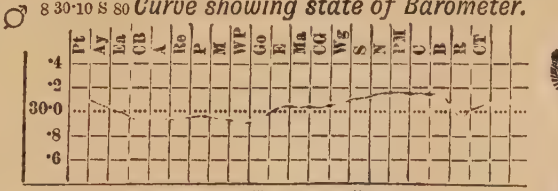
Lat. 33° 51′ 41″ *S.*; *Long.* 10h. 4m 50·37s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 16— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	M'x	m'n	Rain
Casino ..	c	79	58	0·91
T'nt'rfield	g	72	51	0
Moree ..	b	73	61	1·72
Grafton ..	g	76	60	0
Gl'n Inn's	b	70	47	0·76
Inverell ..	b	82	50	0·70
Bourke ..	b	83	64	0
Narrabri	b	87	60	0,
Armidale.	b	71	—	0
Bendem'r	b	77	45	0
Gunned'h	b	84	61	0
C'n'mble .	b	81	57	0
Tamw'rth	o	91	48	0
Coonab'n.	b	82	51	0
L.M'cqrie	b	76	55	0
W'lcannia	–	—	—	
Murr'ndi	b	77	55	0
Cassilis ..	b	78	52	0
Mus'br'ok	b	90	56	0
Dubbo ..	b	79	60	0
Menindie	b	88	65	0
Mudgee..	b	89	49	0
Maitland	b	82	59	0·05
Hill End .	–	—	—	—
Newcast'e	b	71	58	0
Orange .	b	74	48	0
Bathurst	b	77	46	0·05
18 66 Forts	b	82	58	0
M.Vict'ria	b	76	51	0·05
Cond'b'in	b	84	65	0
Picton. ..	.	—	—	—
Carcoar..	b	79	52	0
Wentw'th	b	93	44	0
Young ..	b	90	49	0
Woll'g'ng	.	—	—	—
Hay.....	b	79	40	0
Moss Vale	b	77	49	0
Euston ..	b	96	58	0
Goulburn	b	84	49	0
Wagga ..	b	86	48	0
Cape Geo.	b	74	44	0
Queanb'n	b	80	50	0
Deniliq'n	b	90	50	0
Moruya ..	.	–	–	—
Kiandra	b	101	10	0

Albury	b	85	42	0
B'd'lla	b	83	50	0
Cooma	b	67	37	0
Eden	b	65	52	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

8 30·10 S 80

14 30·05 S 77

FINE GENERALLY
SYDNEY g 73 61 Rain 0·000

14 30·14 F 81

14 30·16—65

14 30 08 S 63

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s,a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9·10 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 17 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50 81 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 17— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	v'n	r'in
Casino ..	g	76	57	0·09
T'nt'rfield	b	75	54	0
Moree ..	b	86	64	0
Grafton.	b	80	60	0
Gl'n Inn's	b	75	47	0·18
Inverell ..	b	81	53	0
Bourke ..	b	91	67	0
Narrabri.	b	97	65	0
Armidale.	b	75	—	0
Bendem'r	b	80	50	0
Gunned'h	b	86	63	0
C'n'mble.	b	84	60	0
Tamw'rth	-	—	—	0
Coonab'n.	b	8[illegible]	50	0
F.M'cqrie	b	77	57	0
W'lcannia	-	—	—	
Murr'ndi	b	82	59	0
Cassilis ..	g	79	57	0
Mus'br'ok	b	95	48	0
Dubbo ..	b	79	61	0
Menindie	b	92	64	0
Mudgee..	b	89	52	0
Maitland	b	83	59	0
Hill End .	-	—	—	—
Newcast'e	b	78	57	0
Orange .	b	74	50	0
Bathurst	b	79	49	0
Forbes	b	84	62	0
M.Vict'ria	b	76	55	0
Cond'b'in	b	85	64	0
Picton. ..	b	84	59	0
Carcoar..	b	80	56	0
Wentw'th	b	99	43	0
Young .	b	90	52	0
Woll'g'ng	b	60	55	0
Hay.....	b	91	62	0
Moss Vale	b	78	55	0
Euston ..	b	98	53	0
Goulburn	.	—	—	—
Wagga ..	b	84	53	0·03
Cape Geo.	b	76	46	0
Queanb'n	b	80	52	0
Deniliq'n	b	95	59	0
Moruya .	b	70	58	0
Kiandra	b	95	10	0·07

Albury	b	85	52	0
B'd'lla	b	75	64	0
Cooma	b	73	52	0
Eden	b	70	58	0
Gabo	.	—	—	—

13 30·09 R 87

Curve showing state of Barometer.

Calm, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 30·02 F 84

FINE GENERALLY
SYDNEY c 74 59 Rain 0·002

14 30·19 R 68

14 30·08F 72

0 30 02 F 68

13 64

TIME BALL
Drops at 1 p.m, S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 18 1892 **with NOTES to 3 P.M.**

Sydney Observatory

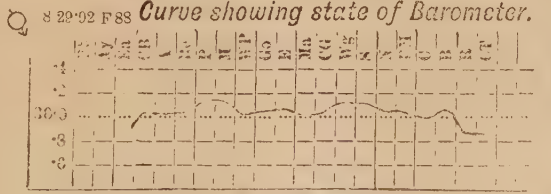
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·97

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 18— 30·581.
Barometers corrected to 32° Fah and Mean Sea Level

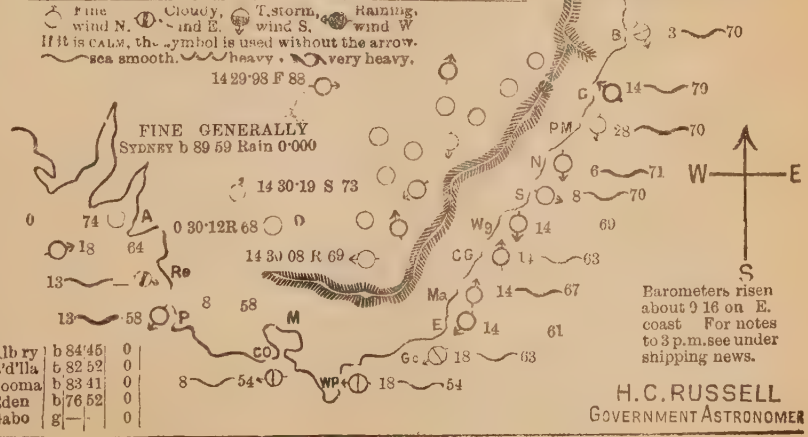
Stations.	wt	w'x	v'e	r'in
Casino ..	c	88 56		0
T'nt'rfield	b	82 45		0
Moree ..	b	92 65		0
Grafton..	b	84 60		0
Gl'n Inn's	b	82 [illegible]		0·59
Inverell..	b	81 [illegible]		0·14
Bourke ..	b	95 [illegible]		0
Narrabri..	b	104 60		0
Armidale.	b	75 —		0
Bendem'r	o	81 48		0
Gunned'h	b	88 64		0
G'n'mble.	b	89 57		0
Tamw'rth	b	89 53		0
Coonab'n.	b	81 [illegible]		0
F.M'cqrie	b	79 55		0
W'lcannia	–	— —		—
Murr'ndi	b	93 59		0
Cassilis ..	b	75 52		0
Mus'br'ok	b	95 59		0·29
Dubbo ..	b	83 63		0
Menindie	b	94 64		0
Mudgee..	b	95 51		0
Maitland	b	89 68		0
Hill End .	–	— —		—
Newcast'e	b	89 63		0
Orange .	b	77 59		0
Bathurst	b	83 46		0
18 67				
Forbes	b	87 56		0
M.Vict'ria	b	80 51		0
Cond'b'in	b	80 60		0
Picton. ..	o	90 48		0
Carcoar..	b	85 50		0
Wentw'th	b	99 55		0
Young .	b	95 50		0
Woll'g'ng	b	90 52		0
Hay.....	b	90 —		0
Moss Vale	b	82 49		0
Euston ..	b	90 46		0
Goulburn	b	94 49		0
Wagga ..	b	88 46		0
Cape Geo.	b	85 41		0
Queanb'n	b	85 52		0
Deniliq'n	b	91 51		0
Moruya .	b	81 54		0
Kiandra	b	100 —		0

Alb'ry	b	84·45	0
B'd'lla	b	82 52	0
Cooma	b	83 41	0
Eden	b	76 52	0
Gabo	g	—	0

Curve showing state of Barometer.



Fine wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.



Barometers risen about 0·16 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 19 1882 with NOTES to 3 P.M.

Sydney Observatory

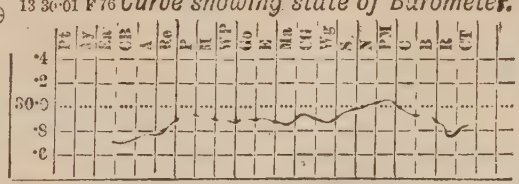
Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·21s E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 19— 30·583.
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	v'n	r'in
Casino ..	c	84 62		0
Tat'rfield	g	72 55		0
Moree ..	b	92 67		0
Grafton.	g	85 63		0·30
Gl'n Inn's	g	75 51		0
Inverell..	b	84 51		0
Bourke ..	b	96 68		0
Narrabri.	b	105 68		0
Armidale.	b	77 —		0
Benlem'r	c	83 48		0
Gunned'h	b	91 69		0
Cu'mble.		— —		—
Tamw'rth	b	104 53		0
Coonab'n.	b	92 60		0
F.M'cqrie	b	79 58		0
W'lcannia	g	— —		—
Murr'mdi	b	99 64		0
Cassilis ..	c	85 52		0
Mus'br'ok	b	90 59		0
Dubbo ..	b	87 67		0
Menindie	b	94 62		0
Mudgee..	b	95 60		0
Maitland	b	90 68		—
Hill End .		— —		0
Newcast'e	b	88 62		0
Orange ..	b	78 54		0
Bathurst	o	87 59		0
Forbs	b	94 67		0
M. Vict'ria	b	80 51		0
Cond'b'in	b	70 50		0
Picton....	b	78 61		0
Carcoar..	b	80 52		0
Wentw'th	b	93 68		0
Young .	b	93 56		0
Woll'g'ng	b	78 65		0
Hay.....	b	90 —		0
Moss Vale		— —		—
Euston ..	b	95 49		0
Goulburn	b	89 38		0
Wagga ..	b	86 49		0
Cape Geo.	b	69 49		0
Queanb'n	b	80 58		0
Deniliq'n	b	90 52		0
Mernya .	b	71 56		0
Klandra	,	—,—		—

Albury	b	87 47	0
B'd'lla	b	74 50	0
Cooma	g	50 45	0
Eden	b	65 58	0
Gabo	b	—,—	0

13 30·01 F 76 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·90 F 85

FINE GENERALLY
SYDNEY b 73 63 Rain 0·000

28 29·96 F 81

0 29·94 F 65

0 29 95 F 64

R 8 70

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

B 3 55

C 28 71

PM 14 74

N 2 68

S 8 73

W 28 70

CG 42 68

Ma 14 63

E 14 65

Go 28 64

WP 0 56

M 8 59

P 18 60

Re 40 62

A 18 86 28 69

18 67

W — E

S

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

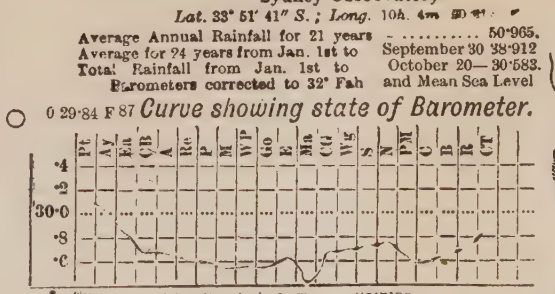
WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 20 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10h. 4m [illegible]

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 20— 30·583.
Barometers corrected to 32° Fah and Mean Sea Level



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

14 29·68 F 90

CLOUDY GENERALLY
SYDNEY b 75 62 Rain 0·000

TIME BALL
Drops at 1 p.m., SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 30 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w'x	vn	r'in
Casino .	r	76 60		4·23
T'nt'rfield	b	73 61		1·68
Moree ..	b	92 61		0
Grafton .	g	73 60		0·95
Gf'n Inn's	g	69 51		1·10
Inverell ..	b	75 53		0·19
Bourke ..	b	99 71		0
Narrabri .	b	101 68		0
Armidale.	c	76 —		0·52
Bendem'r	g	81 45		0
Gunned'h	b	89 65		0
C'n'mble .	.	— —		—
Tamw'rth	.	— —		
Coonab'n.	b	88 53		0
F.M'cqrie	r	79 61		0
W'lcannia	.	— —		—
Murr'ndi	c	88 —		0
Cassilis ..	b	87 60		0
Mus'br'ok	g	95 61		0
Dubbo ..	b	84 64		0
Menindie	.	— —		—
Mudgee..	b	95 57		0
Maitland	g	87 64		—
Hill End .	.	— —		0
Newcast'e	g	84 72		0
Orange .	b	78 55		0
Bathurst	g	86 51		0
8 64				
Forts	b	89 66		0
M. Vict'ria	c	85 54		0
Cond'b'in	b	90 70		0
Picton. ..	b	90 53		0
Carcoar..	b	78 44		0
Wentw'th	.	— —		—
Young .	b	85 55		0
Woll'g'ng	c	78 57		0
Hay.....	c	93 —		0
Moss Vale	b	55 57		0
Euston .	d	101 60		0
Goulburn	b	88 48		0
Wagga ..	b	89 51		0
Cape Geo.	b	74 43		0
Queanb'n	b	80 50		0
Deniliq'n	b	97 66		0
Moruya .	b	71 58		0
Kiandra	b	98 14		0
Albury	b	91 50		0
B'd'lla	b	80 56		0
Cooma	b	37 41		0
Eden	b	69 56		0
Gabo	b	—		0

WEATHER MAP.

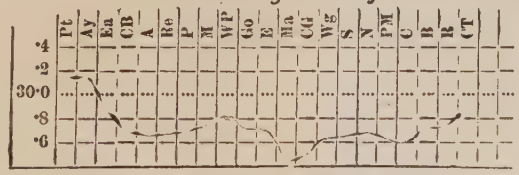
COMPILED from TELEGRAMS for 9 A.M., OCT. 21 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 10h 4m 50·8s E.

Average Annual Rainfall for 21 years ..... 50·065.
Average for 21 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 21— 30·619.
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy and E. Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
Sea smooth. Heavy. Very heavy.

14 29·65 F 81

CLOUDY GENERALLY
SYDNEY g 71 63 Rain 0·036

28 29·77 —64

14 29·74R 65

14 29·71 R 61

23 52

50 55

61 23

14 56

22 33

34 51

R 8 78

B 3 32

C 42 75

PM 14 74

N 8 38

S 18 67

W 14 67

CG 42 61

Ma 14 61

E 14 56

Ge 22 33

WP 34 51

TIME BALL
Drops at 1 p.m, S M T
or 2h.55m.9·19s,a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
N
S

Barometers fallen about 0·03 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w'x	wo	rain
Casino	b	85	60	0
Tent'rfield	b	71	56	0
Moree	b	96	66	0
Grafton	g	80	60	0
O'Fl Inn's	b	74	49	0·02
Inverell	b	89	56	0
Bourke	b	98	70	0·20
Narrabri	b	101	65	0
Armidale	b	73	—	0
Bendem'r	g	89	49	0
Gunned'h		—	—	—
Cu'mble		—	—	
Tamw'rth	b	101	57	0
Coonab'n	g	90	50	0
L. M'cqurie	b	77	59	0·03
Wilcannia	g	—	—	0
Murr'ndi	g	82	92	0
Cassilis	g	85	70	0
Mus'br'ok	g	94	62	0·05
Dubbo	g	89	64	0
Menindie	g	85	64	0·47
Mudgee	g	94	64	0
Maitland	p	79	53	0
Hill End	g	—	—	0
Newcast'e	r	76	61	0
Orange	g	78	56	0·10
Bathurst	g	85	59	0·05
Forbs	c	93	64	0·21
M. Vict'ria	g	82	55	0
Cond'b'in	g	79	51	0·20
Picton	g	85	6	0
Carcoar	g	86	60	0
Wentw'th	g	82	61	0·11
Young	g	85	62	0·22
Woll'g'ng	p	75	59	0·07
Hay	c	82	—	0·05
Moss Vale	r	80	57	0·13
Euston	g	82	56	0·29
Goulburn	g	89	59	0·28
Wagga	c	92	58	0·01
Cape Geo.	p	67	45	0·95
Queanb'n	g	83	61	0·07
Deniliq'n	c	85	58	0·04
Neruya	g	69	59	0·27
Kiandra	g	—	—	0·10
Albury	r	87	58	0·06
B'd'lla	g	80	58	0·12
Cooma	g	87	53	0·07
Eden	r	68	57	0·24
Gabo	g	—	—	0·02

WEATHER MAP.

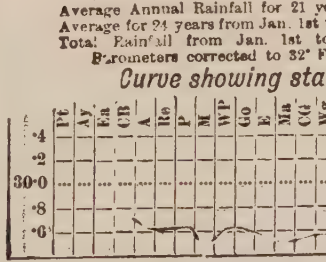
COMPILED from TELEGRAMS for 9 A.M. OCT. 23 1882 with NOTES to 3 P.M.

Sydney Observatory

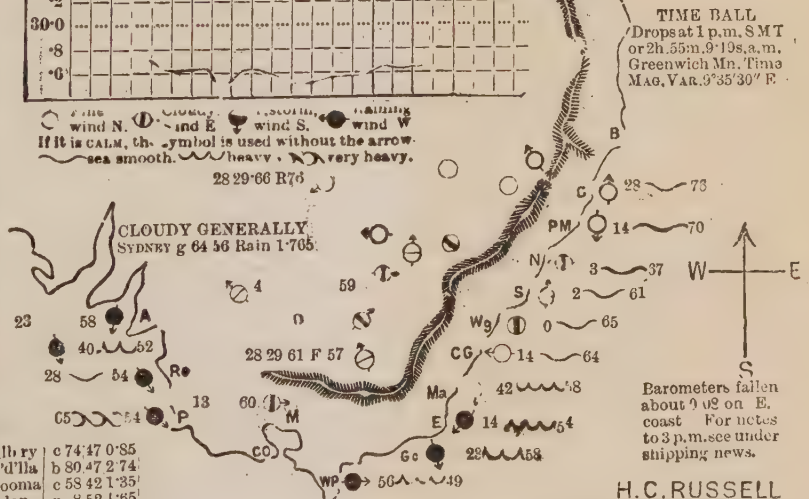
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h* 4*m* 50*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 23 32·384.
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	w's	vn	a'in
Casino ..	b	80	62	0·03
Tnt'rfield	b	82	67	0·44
Moree ..	p	81	52	1·20
Grafton.	b	74	63	0·01
Gl'n Inn's	b	77	53	0·34
Inverell ..	g	81	50	1·20
Bourke ..	b	86	61	0·24
Narrabri .	p	91	62	0·52
Armidale.	b	75	—	0·66
Bendem'r	r	73	44	1·69
Gunned'h	g	77	61	1·95
C'n'mble .	.	—	—	—
Tamw'rth	p	78	51	1·12
Coonab'n.	–	—	-	
E.M'cqrie	m	71	62	1·45
W'lcannia	.	—	—	-
Murr'ndi	r	75	56	1·25
Cassilis ..	.	—	—	—
Mus'br'ok	r	67	57	1·77
Dubbo ..	r	77	57	3 17
Menindie	q	73	51	0·01
Mudgee..	.	—	—	—
Maitland	r	76	59	2·36
Hill End .	g	—	—	2·40
Newcast'e	g	71	57	1 06
Orange .	c	62	47	0·83
Bathurst	g	73	46	2·15
Forbs	b	81	56	0·76
M.Vict'ria	g	70	45	1·74
Cond'b'in	.	—	—	—
Picton. ..	g	62	52	2·54
Carcoar..	b	72	50	1·40
Wentw'th	g	71	47	0·04
Young .	g	62	52	3·31
Wolf'g'ng	c	7	54	—
Hay	r	57	48	2·97
Moss Vale	.	—	—	—
Euston ..	.	—	—	—
Goulburn	b	67	46	2·07
Wagga ..	g	81	47	0·75
Cape Geo.	b	70	40	3·15
Queanb'n	g	68	48	2·12
Deniliq'n	.	—	—	—
Moruya .	b	72	50	2·97
Kiandra	r	73	15	2·92
Albury	c	74	47	0·85
B'd'lla	b	80	47	2·74
Cooma	c	58	42	1·35
Eden	r	68	52	1·65
Gabo	d	—	—	0·55



H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

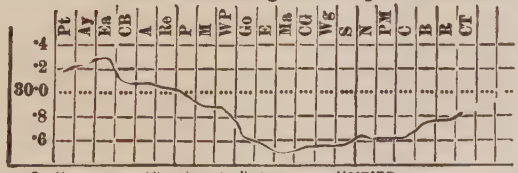
COMPILED from TELEGRAMS for 9 A.M., OCT. 24 1882 with NOTES to 3 P.M.

Sydney Observatory

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m* 50 *s*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 24– 32·894.
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy very heavy.

70 29·71 R 62

FINE GENERALLY

SYDNEY b 69 58 Rain 0·010

56 29·93 R 57

2830·27—54

14 29·64 R 62

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·17 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	m	R'in
Casino ..	b	90	55	0
T'nt'rfield	b	82	49	0·23
Moree ..	b	78	—	0
Grafton..	b	83	62	0·06
Gl'n Inn's	b	72	39	0·16
Inverell..	–	—	—	—
Bourke ..	g	85	58	0
Narrabri:	b	--	—	-
Armidale:	b	66	—	0·14
Bendem'r	b	65	29	0·46
Gunned'h	b	72	49	0·09
C'n'mble.	c	71	53	0
Tamw'rth	b	72	44	0·25
Coonab'n,	b	70	41	0·02
P.M'cqrie	u	75	53	0·33
W'lcannia	r	—	—	0
Murr'ndi	b	65	46	0·30
Cassilis ..	u	68	43	0·19
Mus'br'ok	u	71	48	0·21
Dubbo ..	p	70	51	0·52
Menindie	o	71	53	0·25
Mudgee..	r	64	42	0·67
Maitland	b	76	51	0·37
Hill End.	r	—	—	0·48
Newcast'e	b	69	51	0·21
Orange .	u	63	39	1·00
Bathurst	c	60	38	0·32
23 61				
Forbs	o	66	52	0
M.Vict'ria	c	57	42	0·08
Cond'b'in	g	64	44	0
Picton. ..	b	68	44	0·11
Carcoar..	b	65	41	0·09
Wentw'th	b	66	52	0·31
Young ..	b	70	47	1·12
Woll'g'ng	b	72	50	0·07
Hay.....	–	—	—	—
Moss Vale	b	64	43	0·37
Euston ..	c	63	44	0·19
Goulburn	b	66	43	0·34
Wagga ..	c	68	—	0
Cape Geo.	b	64	36	0·49
Queanb'n	c	65	41	0·08
Deniliq'n	b	64	42	0·08
Moruya..	p	64	48	0·20
Kiandra	c	59	11	0·32
Albury	b	66	46	0·27
B'd'lla	p	72	42	0·25
Cooma	o	64	41	0·10
Eden	p	59	52	0
Gabo	r	—	-	1·19

WEATHER MAP.

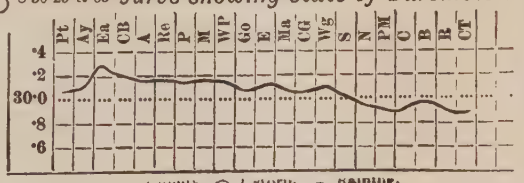
COMPILED from TELEGRAMS for 9 A.M., OCT. 25 1882 **with NOTES to 9 P.M.**

Sydney Observatory

Lat. 33° 51′ 41″ *S.*; *Long.* 151° 4′ E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 25 34·260
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



8 30·29 R 65

Fine, wind N. Cloudy, wind E. Stormy, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth ~ heavy ^ very heavy.

14 29·92 R 71

Sydney p 70 54 Rain 1·806

28 30·22 R 59

30·22F61

14 30 08 R 60

R 8 71

TIME BALL
Drops at 1 p.m. SMT or 2h.55m, 9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 73

S 28 71

PM 56 65

N 10 55

S 24 58

Wg 70 59

CG 56 57

Ma 14 52

E 28 55

Go 8 56

WP 23 56

13 64 A 51

23 57 Re

3 58 P

13 57 M

13 58 CO

W E S

Barometers risen about 9 49 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	m'x	m'n	R'in
Casino ..	b	83	50	0
T'nt'rfield	b	82	43	0
Moree ..	b	71	52	0
Grafton..	b	84	55	0
Gl'n Inn's	b	77	37	0
Inverell..	b	82	43	0
Bourke ..	b	82	56	0·05
Narrabri.	b	90	67	0
Armidale.	b	61	—	0
Bendem'r	b	66	33	0·05
Gunned'h	b	71	54	0·06
C'n'mble.	b	73	55	0·10
Tamw'rth	b	70	45	0·14
Coonab'n.	b	63	43	0·14
F.M'cqrie	b	79	53	0·06
W'lcannia	b	—	—	—
Murr'ndi	c	60	49	0·32
Cassilis ..	u	61	44	0·14
Mus'br'ok	r	67	52	0·32
Dubbo ..	c	64	51	0
Menindie	c	66	54	0
Mudgee..	u	62	46	0·20
Maitland	r	72	57	0·42
Hill End.	c	—	—	0·27
Newcast'e	o	73	55	1·60
Orange .	u	61	43	0·05
Bathurst	u	63	49	0·03
8 53				
Forbs	c	70	50	0·49
M. Vict'ria	r	55	41	0·45
Cond'b'in	c	65	46	0
Picton. .	p	70	52	0· 7
Carcoar..	u	61	49	0·14
Wentw'th	b	70	51	0·25
Young .	u	69	49	0
Woll'g'ng	p	75	52	0·59
Hay.....	b	73	—	0
Moss Vale	r	61	45	1·63
Euston ..	b	74	40	0
Goulburn	p	62	43	0·31
Wagga ..	b	68	45	0·09
Cape Geo.	b	68	41	0·71
Queanb'n	c	59	45	0·06
Deniliq'n	b	72	41	0
Moruya ..	r	66	49	1·60
Kiandra	c	58	10	0

Albury	b	73 47	0
B'd'lla	g	56 46	0
Cooma	o	58 37	0·07
Eden	u	55 51	0·78
Gabo	g	—	0·14

WEATHER MAP.

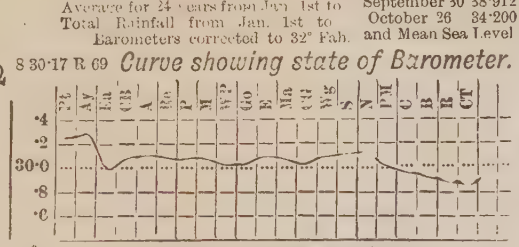
COMPILED from TELEGRAMS for 9 A.M., OCT. 26 188 2 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long* 10*h.* 4*m* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 26 34·200
Barometers corrected to 32° Fah. and Mean Sea Level

8 30·17 R 69 *Curve showing state of Barometer.*



Calm. Cloudy. Storm. Raining.
wind N wind E wind S. wind W
If the CALM symbol is used without the arrow
sea smooth heavy very heavy.

Stations.	wt	m'x	m'n	R'in
Casino ..	b	84	52	0
Tnt'rfield	b	74	63	0
Moree ..	b	79	60	0·06
Grafton..	b	82	57	0·14
Gl'n Inn's	g	70	46	0·15
Inverell..	b	82	48	0·20
Bourke ..	b	89	56	0
Narrabri.	b	91	63	0
Armidale.	b	67	—	0·46
Bendem'r	g	72	62	0·02
Gunned'h	b	79	58	0
C'n'mble.	.	—	—	—
Tamw'rth	b	85	47	0·05
Coonab'n		89	44	0·15
; M'cqrie		72	57	0·04
W.lcannia		—	—	—
Murr'ndi	u	63	49	0
Cassilis ..	u	61	45	0
Mus'br'ok	g	65	51	0·13
Dubbo ..	b	66	52	0
Menindie	b	74	55	0
Mudgee..	b	66	46	0
Maitland	b	65	55	1·30
Hill End .	b	—	—	—
Newcast'e	b	73	54	1 85
Orange .	b	57	41	0·02
Bathurst	b	58	40	0
13 70				
Forbs	b	74	50	0
M.Vict'ria	c	69	40	0·09
Cond'b'in	b	68	49	0·25
Picton. ..	b	60	44	0·01
Carcoar..	b	67	46	0
Wentw'th	b	77	52	0
Young .	b	83	47	0
Woll'g'ng	b	67	49	0
Bay ...	–	—	—	—
Moss Vale	b	54	37	0·03
Euston ..	b	85	39	0
Goulburn	b	60	35	0·01
Wagga ..	–	—	—	—
Cape Geo.	b	64	38	0·09
Queanb'n	b	58	47	0
Deniliq'n	o	76	47	0
Moruya .	b	63	49	0
Kiandra	b	70	7	

Albury	b	74	42 0
B'd'lla	b	65	42 0
Cooma	c	67	37 0
Eden	b	63	51 0·01
Gabo	b	—	— 0

14 29·92 S 69

FINE GENERALLY
SYDNEY c 62 53 Rain 0·000

28 30·12 F 67

1430·20 F 65

28 30 07 F 59

WEATHER.
b-Blue sky . c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-3 Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s, a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 27 1882 with NOTES to 3 P.M.

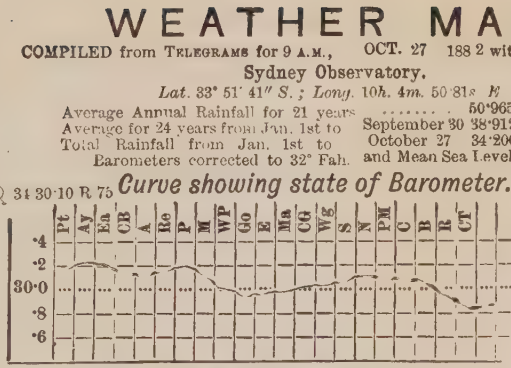
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 27 34·200
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	c	64	b9	0·14
T'nt'rfield	g	76	53	0
Moree ..	g	84	63	0
Grafton..	b	80	62	0·08
Gl'n Inn's	g	70	50	0
Inverell..	c	82	47	0
Bourke ..	g	83	63	0
Narrabri.	g	90	56	0
Armidale.	u	64	—	0·09
Bendem'r	g	69	44	0·04
Gunned'h	b	80	57	0
C'n'mble.	b	74	52	0
Tamw'rth	b	88	50	0
Coonab'n	c	75	45	0
F.M'cqrie	b	70	50	0
W'lcannia	—	—	—	—
Murr'ndi	b	67	48	0·05
Cassilis ..	b	66	34	0
Mus'br'ok	b	72	49	0
Dubbo ..	p	69	53	0
Menindie	b	83	59	0
Mudgee..	g	73	43	0
Maitland	b	71	51	0
Hill End .	–	—	—	—
Newcast'e	b	73	53	0
Orange .	b	64	41	0
Bathurst	b	68	41	0
18 61 Forbs	b	70	49	0
M.Vict'ria	b	62	43	0
Cond'b'in	b	72	53	0
Picton. ..	b	70	45	0·08
Carcoar..	b	72	45	0
Wentw'th	u	84	52	0
Young .	o	79	46	0
Woll'g'ng	b	68	47	0
Hay.....	c	80	—	0
Moss Vale	b	66	44	0
Euston .	c	88	43	0
Goulburn	b	72	45	0
Wagga ..	b	73	44	0
Cape Geo.	b	67	38	0
Queanb'n	o	66	48	0
Deniliq'n	b	80	54	0
Moruya .	c	65	48	0
Kiandra	b	81	7	
Albury		76	43	0
B'd'lla	b	69	41	0
Cooma	o	72	38	0
Eden	b	65	49	0
Gabo	c	—	—	0

Curve showing state of Barometer.



WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strong ,,
65-Whole ,,

TIME BALL
Drops at 1 p.m, SMT
or 2h.55m.9·19s,a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

wind N. wind E wind S. wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

34 30·10 R 75

14 29·95 R 74

CLOUDY GENERALLY
SYDNEY b 66 b1 Rain 0·000

28 30·15 F 61

1430·08 F69

30 03 F 61

Barometers risen about 0·11 on S. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 28 1882 with NOTES to 3 P.M.

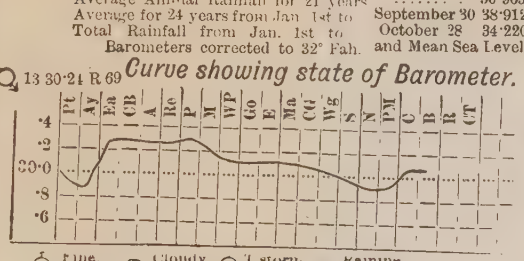
Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long* 10*h.* 4*m.* 50 *Sts. E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 28 34·220
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	yn	R'in
Casino ..	u	84	62	0·42
Tnt'rfield	u	70	62	0·48
Moree ..	u	80	63	0·09
Grafton.	r	79	61	0·50
Gl'n Inn's	b	71	51	1 50
Inverell ..	c	81	46	1 22
Bourke ..	c	87	61	1·75
Narrabri.	p	90	53	1·38
Armidale.	r	68	—	0.07
Bendem'r	r	71	40	0·50
Gunned'h	r	81	60	0·01
C'n'mble.	u	82	52	0·17
Tamw'rth	-	—	—	—
Coonab'n	p	79	53	0·63
F.M'cqrie	p	75	60	0·03
W'icannia	-	—	—	—
Murr'ndi	c	69	55	0·25
Cassilis ..	u	61	44	0·10
Mus'br'ok	u	80	56	0·01
Dubbo ..	u	76	54	0
Menindie	-	—	—	—
Mudgee..	u	80	55	0·10
Maitland	g	73	60	0·10
Hill End .	u	—	—	0·05
Newcast'e	g	71	52	0
Orange .	c	69	45	0
Bathurst	u	72	53	0·13
8 64				
Forbes	c	71	53	0
M.Vict'ria	f	64	48	0·08
Cond'b'in	b	67	48	0
Picton. ..	r	74	53	1·65
Carcoar..	b	62	46	0
Wentw'th	.	—	—	-
Young .	g	74	53	0
Woll'g'ng	.	—	—	—
Hay.....	o	83	—	0·26
Moss Vale	.	—	—	—
Euston ..	b	83	36	0
Goulburn	g	71	45	0
Wagga ..	u	78	47	0·26
Cape Geo.	.	—	—	—
Queanb'n	g	70	49	0·04
Deniliq'n	b	83	42	0·11
Moruya .	p	70	57	0·03
Kiandra	p	88	9,0	0·39
Albury	u	76	43	0 04
B'd'lla	r	53	49	0·54
Cooma	r	77	41	0·58
Eden	u	61	50	0·37
Gabo	.	—	—	—

13 30·24 R 69 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

14 29·92 F 69

CLOUDY GENERALLY
SYDNEY r 67 58 Rain 0·020

13 57 A 18 55 34 53 Re 28 57 P 23 55 M 18 53 CO Go WP 23 53

1430·20R57

28 30 04 R 61

Wg CG Ma 14 59 E 14 54

PM 28 69 N 66 S 20 58

W E S

C 14 62

B

R

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
p-Frost
o-Overcast
r-Raining
s-Passing show'rs
u-Unsettled
t-Thunder
w-Threatening

WIND SCALE.
M'ls
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T
or 2h.55m.9·19s,a.m.
Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

Barometers fallen about 9·08 on E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 30 1882 with NOTES to 3 P.M.

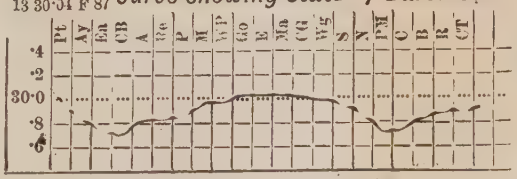
Sydney Observatory.

Lat. 33° 51′ 41″ S. ; *Long* 10*h.* 4*m* 50·81*s* E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 30 38·845
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	m'n	R'in
Casino ..	b	94	64	0·30
T'nt'rfield	u	72	43	0 15
Moree ..	b	77	56	0
Grafton.	b	81	56	0·92
Gl'n Inn's	b	66	39	0·60
Inverell ..	b	82	41	0·24
Bourke ..	h	83	59	0
Narrabri :	b	81	—	0·37
Armidale.	b	31	—	0·49
Bendem'r	u	62	31	0·14
Gunned'h	b	76	52	0·03
C'n'mble .	b	71	49	0
Tamw'rth	b	71	45	0·13
Coonab'n	b	70	46	0
F.M'cqrie	r	74	58	1·00
W'lcannia	-	—	—	—
Murr'ndi	r	66	52	1·30
Cassilis ..	b	69	44	0·30
Mus'br'ok	p	76	56	0·46
Dubbo ..	b	73	61	0
Menindie	b	78	57	0
Mudgee..	u	69	48	1·95
Maitland	p	71	57	0·45
Hill End .	u	—	—	1·70
Newcast'e	o	71	59	0·21
Orange .	b	59	44	0·50
Bathurst	b	63	45	1·43
Forbs	b	72	50	0
M. Vict'ria	r	51	42	3·05
Cond'b'in	b	72	54	0
Picton. ..	u	60	54	2·75
Carcoar..	g	85	46	2·60
Wentw'th	b	85	59	0
Young ..	b	66	55	1·55
Woll'g'ng	p	67	51	2·28
Hay.....	o	80	—	0
Moss Vale	r	56	45	3·39
Euston ..	b	89	50	0
Goulburn	p	58	45	1·24
Wagga ..	b	71	43	1·28
Cape Geo.	c	64	40	1·00
Queanb'n	-	—	—	—
Deniliq'n	b	82	46	0
Moruya ..	-	—	—	—
Kiandra	c	55	15	0·28
Albury	b	86	45	0
B'd'lla	b	65	45	2·24
Cooma	.	—	—	—
Eden	u	61	54	0·01
Gabo	r	—	—	0·62

13 30·04 F 87



Fine, wind N. Cloudy, wind E Storm, wind S. Raining, wind W

If it is CALM, the symbols is used without the arrow

sea smooth heavy very heavy.

14 29·96 R 75

FINE GENERALLY.
SYDNEY p 66 60 Rain 4·623

42 30·11 — 65

14 30·09 F 71

14 30 06 R 64

WIND SCALE.
1-Light breeze
2-Mod. ,,
3-Fresh ,,
5-Strg gale,
6-Whole ,,

R 8 72

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
s-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m., SMT or 2h.55m.9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B 3 74
C 14 70
PM 14 61
N 9 62
S 16 62
W 56 65
CG 42 62
E 14 58
Ma 0 74
WP 23 69
M 18 72
P 3 69
CO 13 72
Re 14 72
A 34 66
23 83

Barometers unsteady.
For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., OCT. 31 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long* 10*h.* 4*m* 50·87 E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to September 30 38·912
Total Rainfall from Jan. 1st to October 31 29·157
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	M'x	Mn	R'in
Casino ..	b	85	54	0
T'nt'rfield	b	72	46	0
Moree ..	b	83	61	0
Grafton.	c	80	65	0
Gl'n Inn's	b	68	39	0
Inverell..	b	71	63	0
Bourke ..	b	90	59	0
Narrabri.	b	90	—	0
Armidale.	b	64	—	0·02
Bendem'r	b	67	38	0·01
Gunned'h	b	79	56	0
C'n'mble.	b	73	54	0
Tamw'rth	b	80	47	0
Coonab'n	b	77	45	0
F.M'cqrie	c	67	60	0·21
W'lcannia	b	—	—	0
Murr'ndi	o	66	55	0·08
Cassilis ..	b	70	47	0
Mus'br'ok	g	71	55	0·05
Dubbo ..	b	76	52	0
Menindie	b	85	62	0
Mudgee..	b	77	49	0
Maitland	u	69	60	0·11
Hill End .	b	—	—	0
Newcast'e	b	71	59	0·14
Orange .	n	68	44	0
Bathurst	b	68	4	0
18 61 Forbs	b	77	54	0
M. Vict'ria	b	59	45	0
Cond'b'in	b	79	60	0
Picton. .	b	61	50	0·74
Carcoar..	o	80	53	0
Wentw'th	b	90	62	0
Young .	b	73	53	0
Woll'g'ng	b	68	53	0
Hay.....	b	85	—	0
Moss Vale	.	—	—	—
Euston .	t	93	56	0
Goulburn	–	—	—	–
Wagga ..	b	77	49	0
Cape Geo.	b	66	45	0·09
Queanb'n	b	62	50	0
Deniliq'n	b	85	58	0
Moruya .	–	—	—	–
Kiandra	b	21	13	0

Albury	.	—	—
B'd'lla	b	73	46
Cooma	f	76	42
Eden	b	66	45
Gabo	b	—	—

WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
v-Threatening

WIND SCALE.

1-2-Light breeze
3-Mod. breeze
4-Fresh breeze
5-Strong gale
6-Whole gale

TIME BALL

Drops at 1 p.m. S.M.T. or 2h. 55m. 9·1s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

FINE GENERALLY.
SYDNEY b 67·57 Rain 0·312

Barometers riser about 0·25 on S.W. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

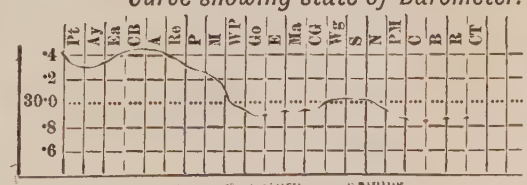
COMPILED from TELEGRAMS for 9 A.M., NOV. 1 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat 33° 51′ 41″ *S* ; *Long* 10*h*. 4*m*. 50·81*s*. *E*

Average Annual Rainfall for 21 years . . . 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 1 29·157
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Wind N ... wind E ... wind S. ... wind W
If the symbols be used without the arrow ... very heavy.

Stations.	wt	m'x	y'd	r'in
Casino .	b	85	61	0
T'nt'rfield	b	81	72	0
Moree .	b	89	62	0
Grafton.	b	86	61	0
Gl'n Inn's	b	79	43	0
Inverell ..	b	73	54	0
Bourke ..	b	96	60	0
Narrabri.	b	92	—	0
Armidale.	b	74	—	0
Bendem'r	b	76	48	0
Gunned'h	b	84	59	0
C'n'mble .	b	83	55	0
Tamw'rth	b	93	50	0
Coonab'n	b	83	45	0
F.M'cqrie	b	74	56	0
W'lcannia	b	—	—	—
Murr'ndi	b	74	54	0
Cassilis ..	b	75	39	0
Mus'br'ok	b	81	57	0
Dubbo ..	b	80	57	0
Menindie	b	92	52	0
Mudgee..	b	82	54	0
Maitland	u	76	58	0
Hill End .	b	—	—	—
Newcast'e	b	72	54	0
Orange .	b	72	52	0
Bathurst	b	79	47	0
Forbes	b	84	49	0
M. Vict'ria	b	77	46	0
Cond'b'in	b	63	44	0
Picton. .	b	78	54	0
Carcoar..	o	80	46	0
Wentw'th	b	74	44	0
Young .	b	77	47	0
Woll'g'ng	u	73	53	0
Hay.....	b	54	—	0
Moss Vale	b	77	49	0
Euston ..	c	85	37	0
Goulburn	b	79	42	0
Wagga ..	b	84	46	0
Cape Geo.	c	64	42	0
Queanb'n	b	73	58	0
Deniliq'n	b	94	44	0
Moruya ..	c	69	54	0
Kiandra	b	85	7	0

Albury	b	85	42	0
B'd'lla	b	73	48	0
Cooma	b	80	36	0
Eden	b	67	49	0·06
Gabo	c	—	—	0 02

FINE GENERALLY.
SYDNEY c 70 58 Rain 0·000

28 30·12 R 68
42 30·43 R 55
28 30·27 R 56
14 30·15 — 57

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
o-Frost
r-Overcast
s-Passing show'rs
u-Squally
w-Rain
x-Hail
z-Thunder
t-Threatening

WIND SCALE.
13-Light breeze
23-Moderate "
34-Fresh "
50-Strong gale
65-Whole "

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·19 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 2 1882 with NOTES to 3 P.M.

Sydney Observatory.

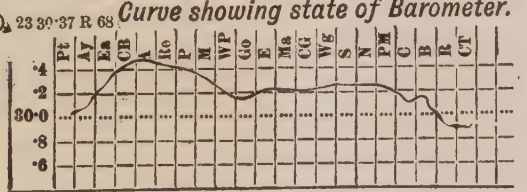
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 .. 45·260
Total Rainfall from Jan. 1st to November 2 39·157
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	g	90	57	0
T'nt'rfield	g	84	57	0
Moree ..	b	87	58	0
Grafton.	c	82	60	0
G'n Inn's	g	80	46	0
Inverell ..	b	79	55	0
Bourke ..	b	77	54	0
Narrabri:	b	92	—	0
Armidale.	b	76	—	0
Bendem'r	b	80	46	0
Gunned'h	b	84	59	0
C'a'mble .	b	68	49	0
Tamw'rth	b	92	47	0
Coonab'n	b	71	43	0
P.M'cqrie	c	70	54	0
W'lcannia	b	—	—	—
Murr'ndi	b	73	51	0
Cassilis ..	c	70	42	0
Mus'br'ok	g	75	51	0
Dubbo ..	b	68	52	0
Menindie	b	69	51	0
Mudgee..	b	81	41	0
Maitland	g	63	57	0
Hill End .	—	—	—	—
Newcast'e	p	74	53	0
Orange .	b	54	37	0
Bathurst	b	60	39	0
18 66 Forts	b	80	52	0
M. Vict'ria	b	62	39	0
Cond'b'in	b	69	48	0
Picton. ..	b	68	48	0
Carcoar..	n	72	42	0
Wentw'th	b	70	47	0
Young ..	b	66	44	0
Woll'g'ng	b	69	51	0
Hay.....	b	63	—	0
Moss Vale	n	66	45	0
Euston ..	.	—	—	—
Goulburn	b	71	44	0
Wagga ..	b	62	38	0
Cape Geo.	n	65	41	0
Queanb'n	b	68	45	0
Deniliq'n	.	—	—	—
Moruya .	b	67	43	0
Kiandra	b	74	1	0

Albury	b	85	33	0
B'd'lla	b	71	36	0
Cooma	b	60	33	0
Eden	b	63	—	0
Cabo	b	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy very heavy.

23 30·37 R 68

28 30·19 R 67

28 30·49 R 58

14 30·28 R 56

FINE GENERALLY.
SYDNEY b 64 56 Rain 0·000

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing shew'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'l's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 9 2ₒ on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 3 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to October 31 . 45·260
Total Rainfall from Jan. 1st to November 3 29·242
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	Vn	R'in
Casino ..	b	78	52	0
T'nt'rfield	b	84	46	0
Moree ..	b	85	61	0
Gratton..	b	77	55	0
Gl'n Inn's	b	76	42	0
Inverell..	b	79	48	0
Bourke ..	b	85	57	0
Narrabri.	b	92	—	0
Armidale.	b	68	—	0
Bendem'r	b	71	41	0
Gunned'h	b	80	52	0
C'n'mble.	b	74	50	0
Tamw'rth	b	85	46	0
Coonab'n	b	74	42	0
F.M'cqrie	b	69	51	0
W'icannia	b	—	—	—
Murr'ndi	b	69	48	0
Cassilis ..	b	77	45	0
Mus'br'ok	b	76	49	0
Dubbo ..	b	72	51	0
Menindie	b	74	51	0
Mudgee..	b	77	50	0
Maitland	g	72	55	0
Hill End.	—	—	—	—
Newcast'e	p	64	53	0·10
Orange .	b	64	45	0
Bathurst	b	71	45	0
0 76				
Forbs	b	86	56	0
M. Vict'ria	b	68	45	0
Cond'b'in	b	74	54	0
Picton. ..	b	69	58	0
Carcoar..	b	65	44	0
Wentw'th	b	76	51	0
Young ..	b	71	48	0
Woll'g'ng	b	69	51	0
Hay.....	b	74	—	0
Moss Vale	c	66	48	0
Euston ..	b	80	41	0·05
Goulburn	b	71	46	0
Wagga ..	c	74	43	0
Cape Geo.	c	64	40	0
Queanb'n	b	68	49	0
Deniliq'n	b	75	44	0
Moruya ..	b	65	50	0
Kiandra	b	83	12	0
Alb'ry	b	71	43	0
B'd'lla	b	70	44	0
Cooma	b	75	46	0
Eden	b	67	42	0
Gabo	b	—	·	0

Curve showing state of Barometer.

0 30·29 R 73

Pc Ay Ea CB A Re P M WP Go E Ha Cu W S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy very heavy.

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 30·12 F 59

FINE GENERALLY.
SYDNEY c 65 55 Rain 0·085

28 30·37 F 63

8 71 A 0 30·27—63 23 58 0 61 Re

14 30·20 F 69

56 8 60 P M CO 8 59 WP 13 54 Ma E 0 62 CG 0 57 Wg 14 64 S 2 60 N 5 59 PM 42 65 5 28 63 5 3 73 R 14 64 Ge 23 59

Barometers risen about 9 05 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 4 1882 with NOTES to 3 P.M.

Sydney Observatory.

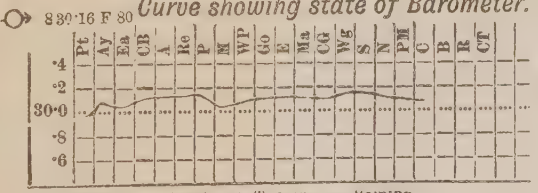
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 - 45·260
Total Rainfall from Jan. 1st to November 4 39·242
Barometers corrected to 32° Fah. and Mean Sea Level

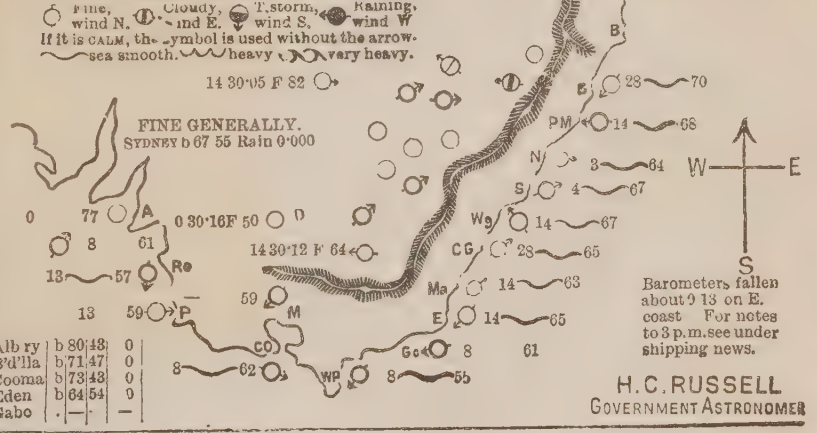
Stations.	wt	M'x	M'n	R'in
Casino ..	b	79	54	0
T'nt'rfield	g	76	64	0
Moree ..	g	86	65	0
Grafton ..	c	77	57	0
Gl'n Inn's	b	71	42	0
Inverell ..	b	79	48	0
Bourke ..	b	88	59	0
Narrabri	b	96	—	0
Armidale	b	70	—	0
Bendem'r	c	74	47	0
Gunned'h	b	81	57	0
C'n'mble	b	80	54	0
Tamw'rth	b	92	50	0
Coonab'n	b	77	42	0
F.M'cqrie	b	71	52	0
W'lcannia	.	—	—	—
Murrundi	b	72	49	0
Cassilis ..	b	75	40	0
Mus'br'ok	o	79	51	0
Dubbo ..	b	75	55	0
Menindie	.	—	—	—
Mudgee ..	b	86	52	0
Maitland	b	73	67	0
Hill End .	.	—	—	—
Newcast'e	b	71	57	0
Orange .	b	71	45	0
Bathurst	b	74	45	0
0 83 Forbes	b	87	58	0
M.Victoria	b	69	48	0
Cond'b'in	b	84	64	0
Picton. ..	b	70	53	0
Carcoar ..	b	70	48	0
Wentw'th	.	—	—	—
Young ..	b	74	50	0
Woll'g'ng	b	72	51	0
Hay.....	.	—	—	—
Moss Vale	b	69	50	0
Euston ..	b	83	38	0
Goulburn	r	74	47	0
Wagga ..	b	79	46	0
Cape Geo.	r	69	40	0
Queanb'n	b	71	50	0
Deniliq'n	b	81	45	0
Moruya ..	.	—	—	—
Kiandra	b	88	7	0

Albury	b	80	43	0
B'd'lla	b	71	47	0
Cooma	b	73	48	0
Eden	b	64	54	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'S WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·13 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 6 1882 with NOTES to 3 P.M.

Sydney Observatory.

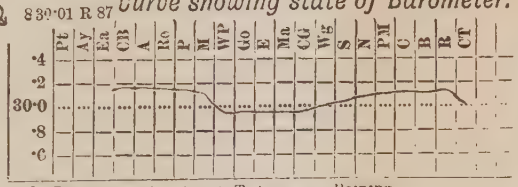
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 . 45·260
Total Rainfall from Jan. 1st to November 6 39·242
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	b	86	59	0
T'nt'rfield	r	76	61	0·48
Moree ..	b	86	61	0
Grafton..	g	84	58	0
Gl'n Inn's	g	74	44	0·15
Inverell..	b	78	46	0
Bourke..	b	95	67	0
Narrabri.	b	98	—	0
Armidale.	b	71	—	0
Bendem'r	b	74	51	0·59
Gunned'h	c	87	60	0·38
C'n'mble.	b	87	55	0
Tamw'rth	.	—	—	—
Coonab'n	b	86	49	0
L.M'cqrie	b	78	59	0
W'lcannia	.	—	—	—
Murr'ndi	b	69	50	0·40
Cassilis ..	b	81	45	0·35
Mus'br'ok	o	89	54	0·14
Dubbo ..	b	85	56	0
Menindie	b	91	61	0
Mudgee..	b	85	50	0·14
Maitland	b	82	57	0·15
Hill End .	-	—	—	—
Newcast'e	b	74	57	0·13
Orange .	b	70	48	0
Bathurst	b	77	46	0
8 68 Forbs	b	86	57	0
M.Vict'ria	b	78	45	0
Cond'b'in	b	85	64	0
Picton. ..	b	79	53	0
Carcoar..	o	80	50	0
Wentw'th	b	91	60	0
Young ..	b	82	50	0
Woll'g'ng	b	78	55	0
Hay.....	b	88	—	0
Moss Vale	b	72	51	0
Euston ..	b	92	47	0
Goulburn	c	80	48	0
Wagga ..	b	65	45	0
Cape Geo.	b	74	45	0
Queanb'n	b	77	52	0
Deniliq'n	b	90	53	0
Moruya ..	.	—	—	—
Kiandra	b	97	7	0
Albury	b	86	44	0
B'd'lla	b	77	54	0
Cooma	b	80	42	0
Eden	b	70	69	0
Gabo	.	—	—	—

8 30·01 R 87

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 30·05 F 87

FINE GENERALLY.
SYDNEY b 72 58 Rain 0·000

14 30·22— 75

0 80 A 14 30·18R 77 D

18 65

14 30·07 F 65

13 87 Re

18 62 P 13 62 M

13 55 CO WP 23 56

Ma E 0 62

Go 8 65

CG 28 63

Ws 14 70

S 8 70

N 3 70

PM 28 71

E 14 74

B 3 74

R 3 72

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

M'S WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

W E S

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 7 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 7 39·242
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	r'in
Casino ..	b	87	55	0
T'nt'rfield	b	76	63	0·28
Moree ..	b	82	59	0·32
Grafton.	b	81	57	0
Gl'n Inn's	b	73	44	0·30
Inverell ..	b	79	51	0·26
Bourke ..	b	98	68	0
Narrabri.	b	98	—	0
Armidale.	.	.	—	—
Bendem'r	c	77	45	0·03
Gunned'h	f	83	59	0·05
C'n'mble .	.	—	—	—
Tamw'rth	b	93	48	0·58
Coonab'n	b	83	47	0·24
F.M'cqrie	b	78	50	0
W'lcannia	.	—	—	—
Murr'ndi	b	74	55	0
Cassilis ..	o	80	—	0
Mus'br'ok	b	90	56	0·11
Dubbo ..	b	87	57	0
Menindie	b	93	64	0
Mudgee..	b	82	54	0
Maitland	c	84	61	0
Hill End .	-	—	—	—
Newcast'e	g	80	54	0·02
Orange .	b	78	47	0
Bathurst	b	79	47	0
28 93 Forbs	b	87	60	0
M.Vict'ria	g	77	43	0
Cond'b'in	b	85	64	0
Picton. ..	g	82	51	0·20
Carcoar..	o	78	54	0
Wentw'th	b	91	51	0
Young ..	b	80	54	0
Woll'g'ng	b	78	56	0
Hay.....	b	89	—	0
Moss Vale	.	—	—	—
Euston ..	b	92	47	0
Goulburn	r	79	45	0·02
Wagga ..	.	—	—	—
Cape Geo.	c	75	42	0·19
Queanb'n	b	79	52	0
Deniliq'n	b	92	47	0
Moruya ..	g	74	63	0·26
Kiandra	b	97	11	0

	wt	w'x	vn	r'in
Albury	b	83	46	0
B'd'lla	g	83	51	0
Cooma	b	78	37	0
Eden	b	70	62	0
Gabo	.	—	—	—

Curve showing state of Barometer.

8 30·15 R 96

	Pe	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	Wg	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, and E. Storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow-sea smooth. heavy very heavy.

14 30·15 R 84

CLOUDY ON COAST.
SYDNEY g 75 50 Rain 0·193

14 30·37 R 73

14 30·31R 70

14 30·27 R 73

WIND SCALE.

1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL

Drops at 1 p.m, S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

14 — 71
PM 42 — 68
N 6 — 64
S 8 — 64
W 28 — 63
CG 42 — 61
Ma 28 — 70
E 14 — 62
Go 23 — 64
13 — 55
13 — 59
13 — 60
28 — 57
13 — 60
13 — 82

W — E
S

Barometers risen about 0·30 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL,
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 8 1882 with NOTES to 3 P.M.

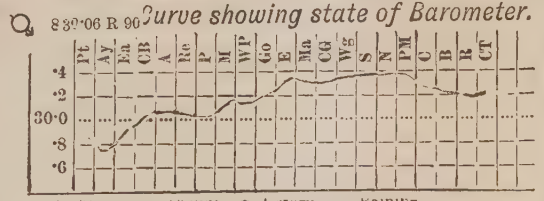
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 2½ years from Jan. 1st to October 31 ... 45·260
Total Rainfall from Jan. 1st to November 8 ... 39·435
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	84	57	0
Tnt'rfield	g	76	60	0·03
Moree ..	b	88	59	0
Grafton ..	b	80	56	0
Gl'n Inn's	b	73	42	0·09
Inverell ..	b	79	48	0·11
Bourke ..	b	94	68	0·10
Narrabri	b	90	—	0
Armidale.	b	70	—	0
Bendem'r	b	71	30	0
Gunned'h	b	85	57	0
C'n'mble .	b	85	55	0
Tamw'rth	.	—	—	—
Coonab'n	b	83	44	0
F.M'cqrie	b	74	57	0
W'lcannia	.	—	—	—
Murr'ndi	b	74	51	0
Cassilis ..	b	76	—	0
Mus'br'ok	b	71	59	0
Dubbo ..	b	86	59	0
Menindie	b	93	63	0
Mudgee ..	b	87	51	0
Maitland	c	77	56	0
Hill End .	–	—	—	—
Newcast'e	b	80	54	0
Orange .	b	76	47	0
Bathurst	b	79	47	0
28 69 Forbs	b	90	62	0
M. Vict'ria	b	78	44	0
Cond'b'in	b	75	55	0
Picton. ..	b	74	48	0
Carcoar ..	.	—	—	—
Wentw'th	b	95	64	0
Young ..	b	83	55	0
Woll'g'ng	.	—	—	—
Hay.....	b	92	48	0
Moss Vale	b	70	48	0
Euston ..	b	95	56	0
Goulburn	c	75	45	0
Wagga ..	.	—	—	—
Cape Geo.	b	67	36	0
Queanb'n	b	72	53	0
Deniliq'n	b	93	57	0
Moruya ..	b	68	63	0
Kiandra	b	95	10	0
Alb'ry	b	90	49	0
B'd'lla	b	69	45	0
Cooma	b	79	45	0
Eden	b	68	54	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

28 30·22 R 81

FINE GENERALLY.
SYDNEY b 67 55 Rain 0·000

28 30·22 R 81

42 30·29 F 80

30·22 F 72

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
M'ls
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 9 08 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 9 1882 with NOTES to 3 P.M.

Sydney Observatory.

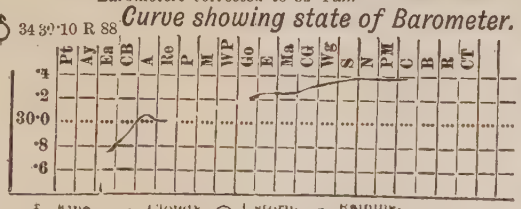
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 ... 45·260
Total Rainfall from Jan. 1st to November 9 ... 39·435
Barometers corrected to 32° Fah. and Mean Sea Level

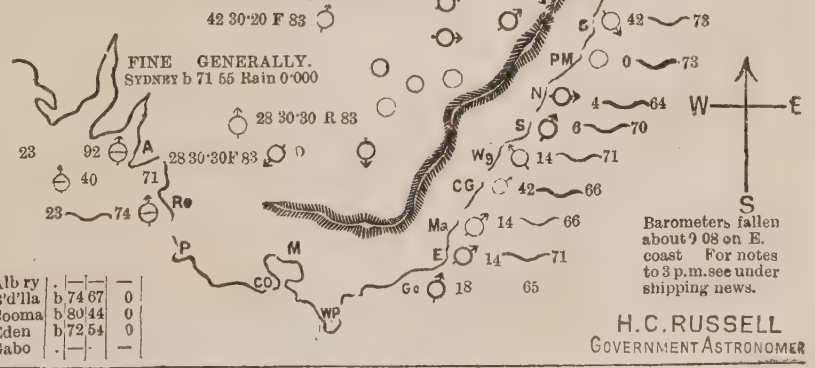
Stations.	wt	m'x	mn	R'in
Casino ..	b	78	56	0·10
T'nt'rfield	b	76	61	0
Moree ..	b	97	62	0
Grafton..	b	78	59	0
Gl'n Inn's	b	74	48	0
Inverell..	b	75	52	0
Bourke ..	b	90	65	0
Narrabri..	b	97	—	0
Armidale.	b	69	—	0
Bendem'r	b	72	30	0
Gunned'h	b	83	55	0
C'n'mble.	b	82	54	0
Tamw'rth	b	95	50	0
Coonab'n	b	83	43	0
P.M'cqrie	b	76	57	0
W'lcannia	b	—	—	—
Murr'ndi	b	75	50	0
Cassilis ..	b	75	—	0
Mus'br'ok	b	81	51	0
Dubbo ..	b	85	59	0
Menindie	b	96	67	0
Mudgee..	b	86	50	0
Maitland	b	78	55	0
Hill End .	–	—	—	—
Newcast'e	b	74	57	0
Orange .	b	74	47	0
Bathurst	b	80	46	0
28 83				
Forbes	b	91	62	0
M.Vict'ria	b	79	43	0
Cond'b'in	b	82	62	0
Picton. ..	b	75	48	0
Carcoar..	b	78	52	0
Wentw'th	b	103	68	0
Young ..	b	84	53	0
Woll'g'ng	b	74	42	0
Hay.....	b	76	51	0
Moss Vale	b	74	50	0
Euston ..	b	104	62	0
Goulburn	b	84	45	0
Wagga ..	b	89	54	0
Cape Geo.	b	68	43	0
Queanb'n	b	77	56	0
Deniliq'n	b	98	61	0
Moruya ..	b	69	—	0
Kiandra	b	88	11	0

Albury	–	—	—
B'd'lla	b	74	67	0
Cooma	b	80	44	0
Eden	b	72	54	0
Gabo	–	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.



Barometers fallen about 9·08 on E. coast For notes to 3 p.m. see under shipping news.

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 10 1882 with NOTES to 3 P.M.

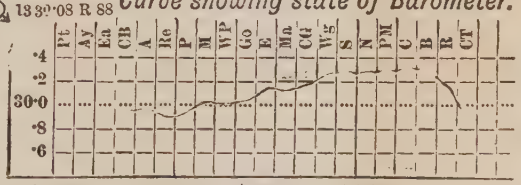
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 10 29·435
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	a'x	a'n	r'in
Casino ..	b	80	53	0
Tent'rfield	b	72	51	0
Moree ..	b	88	61	0
Grafton.	g	79	57	0
Gl'n Inn's	b	71	47	0
Inverell..	b	71	51	0
Bourke ..	b	91	66	0
Narrabri.	b	98	—	0
Armidale.	.	—	—	—
Bendem'r	b	77	66	0
Gunned'h	.	—	—	—
C'n'mble .	.	—	—	—
Tamw'rth	b	100	54	0
Coonab'n	b	83	45	0
F.M'cqrie	b	79	59	0
W'lcannia	.	—	—	—
Murr'ndi	b	74	53	0
Cassilis ..	b	79	—	0
Mus'br'ok	b	85	54	0
Dubbo ..	b	85	59	0
Menindie	b	94	71	0
Mudgee..	m	89	47	0
Maitland	b	80	56	0
Hill End .	—	—	—	—
Newcast'e	b	85	56	0
Orange .	b	77	47	0
Bathurst	b	84	43	0
Forbs	b	91	60	0
M.Vict'ria	b	84	48	0
Cond'b'in	b	82	62	0
Picton. ..	g	—	—	0
Carcoar..	o	79	55	0
Wentw'th	b	97	65	0
Young ..	b	86	55	0
Woll'g'ng	b	76	55	0
Hay.....	b	96	51	0
Moss Vale	b	80	49	0
Euston ..	b	99	39	0
Goulburn	c	87	46	0
Wagga ..	b	92	56	0
Cape Geo.	b	72	44	0
Queanb'n	b	82	57	0
Deniliq'n	b	99	58	0
Moruya..	b	71	63	0
Kiandra	b	108	15	0
Albury	b	94	53	0
B'd'lla	b	89	45	0
Cooma	b	82	44	0
Eden	b	72	57	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

42 30·15 F 85

FINE GENERALLY.
SYDNEY b 70 62 Rain 0·000

23 30·17 F 87

0 76 A 30·20 F 85

18 57 14 30·20 — 72

18 70° R

18 56 P 18 87 M

CO

18 87 WP 18 24

Go 23 66

Ma 14 63

E 14 65

CG 42 68

Wg 14 69

S 3 70

N 14 71

PM 14 72

C 28 75

B 3 74

R 3 72

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m, SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV. 11 1882 with NOTES to 3 P.M.

Sydney Observatory.

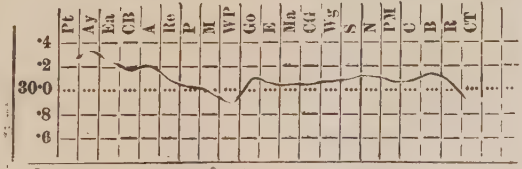
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years - ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 11 39·435
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	yn	R'in
Casino ..	b	82	47	0
T'nt'rfield	b	77	58	0
Moree ..	b	88	63	0
Grafton..	b	83	53	0
Gl'n Inn's	b	79	42	0
Inverell..	b	72	50	0
Bourke ..	b	93	66	0
Narrabri.	b	101	—	0
Armidale.	b	76	—	0
Bendem'r	b	79	35	0
Gunned'h	b	88	60	0
C'n'mble .	.	—	—	—
Tamw'rth	b	101	52	0
Coonab'n	c	86	48	0
F.M'cqrie	b	80	58	0
W'lcannia	.	—	—	—
Murr'ndi	b	81	62	0
Cassilis ..	b	81	—	0
Mus'br'ok	b	90	42	0
Dubbo ..	b	89	61	0
Menindie	g	96	70	0
Mudgee..	b	90	52	0
Maitland	b	81	57	0
Hill End .	—	—	—	—
Newcast'e	b	73	56	0
Orange .	b	78	49	0
Bathurst	b	85	48	0
0 63				
Forts	b	91	—	0
M.Vict'ria	b	—	—	0
Cond'b'in	b	86	65	0
Picton. ..	b	82	50	0
Carcoar..	.	—	—	—
Wentw'th	b	98	61	0
Young ..	b	87	52	0
Woll'g'ng	b	77	51	0
Hay.....	g	92	55	0
Moss Vale	b	81	52	0
Euston ..	b	100	58	0
Goulburn	c	87	46	0
Wagga ..	b	94	69	0
Cape Geo.	b	75	42	0
Queanb'n	b	83	52	0
Deniliq'n	b	99	63	0
Moruya ..	b	71	62	0
Kiandra	b	—	—	0

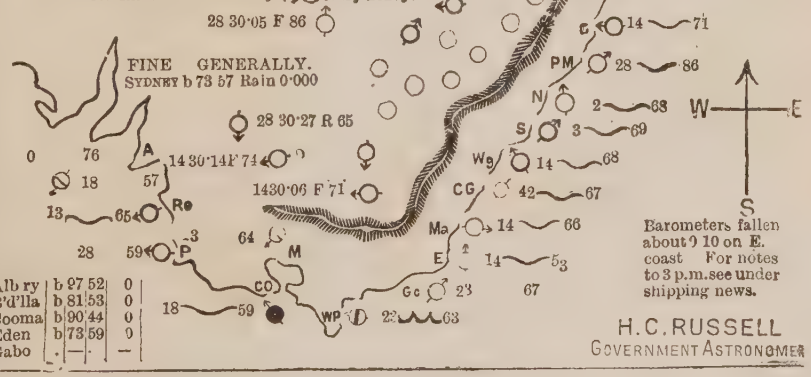
Albury	b	27	52	0
B'd'lla	b	81	53	0
Cooma	b	90	44	0
Eden	b	73	59	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. Storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy very heavy.



WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL

Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

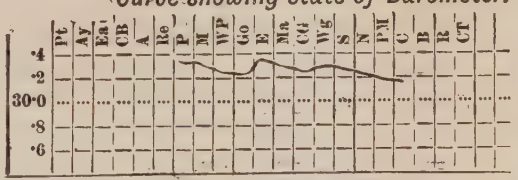
COMPILED from TELEGRAMS for 9 A.M., NOV. 13 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 13 39·435
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
heavy sea smooth. heavy. very heavy.

28 30·00 F 81

CLOUDY GENERALLY
SYDNEY g 72 58 Rain 0·056

28 30·36 R 62

14 30·28 R66

2830·26 R 65

23 60 P 3 60 M

13 60 CO

3 57 WP

Ge 13 63

Ma 28 64

E 14 67

CG 56 61

Wg 42 63

S 16 62

N 12 59

PM 0 72

C 14 73

B

R

A

Re

D

S

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 0·20 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	m'x	y'n	R'in
Casino	c	88	56	0
T'nt'rfield	g	85	64	0
Moree ..	b	97	72	0
Grafton..	g	87	59	0
Gl'n Inn's	g	85	45	0·10
Inverell..	g	84	55	0
Bourke ..	b	103	69	0·06
Narrabri:	g	102	54	0
Armidale.	-	—	—	—
Bendem'r	r	96	46	0
Gunned'h	r	92	65	0·12
C'n'mble.	b	92	62	0·01
Tamw'rth	.	—	—	—
Coonab'n	b	94	59	0·11
F.M'cqrie	b	81	60	0
W'lcannia	.	—	—	—
Murr'ndi	c	85	57	0·26
Cassilis ..	g	89	—	0
Mus'br'ok	d	93	59	0·09
Dubbo ..	b	90	61	0
Menindie	b	86	59	0
Mudgee..	b	97	56	0
Maitland	g	86	62	0
Hill End .	g	—	—	0·03
Newcast'e	q	76	57	0·35
Orange .	b	82	52	0
Bathurst	b	86	51	0
Forbs	b	96	66	0
M.Vict'ria	r	87	45	0.07
Cond'b'in	b	78	58	0
Picton. ..	g	80	56	0·29
Carcoar..	.	—	—	—
Wentw'th	b	79	52	0
Young ..	b	86	55	0
Woll'g'ng	c	78	55	0·21
Hay.....	b	88	—	0
Moss Vale	r	73	48	0·08
Euston ..	.	—	—	—
Goulburn	c	89	46	0
Wagga ..	b	96	58	0
Cape Geo.	c	67	43	0
Queanb'n	g	84	54	0
Deniliq'n	-	—	—	—
Moruya ..	g	68	—	0
Kiandra	b	75	15	0
Albury	b	92	51	0
B'd'lla	g	81	52	0
Cooma	b	81	44	0·02
Eden	b	67	51	0
Gabo	-	—		—

WEATHER MAP.

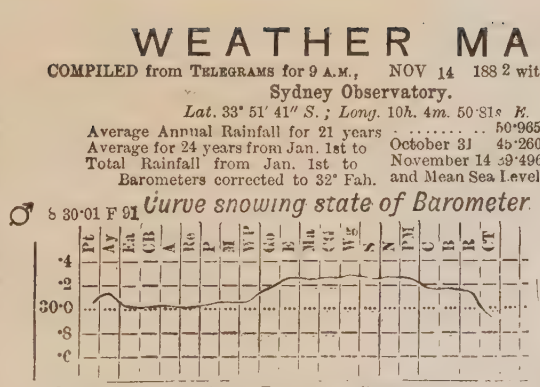
COMPILED from TELEGRAMS for 9 A.M., NOV 14 188 2 with NOTES to 3 P.M.

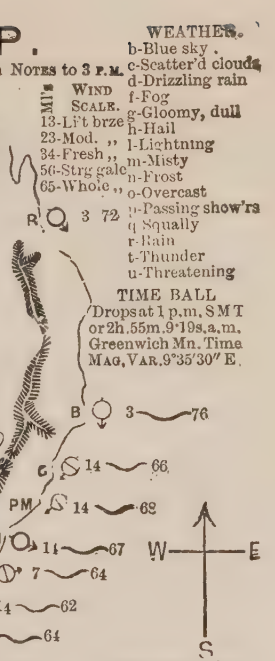
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 14 39·496
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	g	87	56	0
T'nt'rfield	g	81	44	0
Moree ..	b	87	63	0·41
Grafton..	g	79	62	0·13
Gl'n Inn's	g	73	43	0·10
Inverell..	b	83	53	0·15
Bourke ..	l	102	64	0
Narrabri.	b	100	53	0
Armidale.	-	—	—	—
Bendem'r	p	75	44	1·04
Gunned'h	g	82	62	0
C'n'mble .	g	90	56	0·65
Tamw'rth	b	92	58	0·49
Coonab'n	g	75	50	0.07
F.M'cqrie	c	78	60	0·03
W'lcannia	.	—	--	—
Murr'ndi	g	68	55	0·01
Cassilis ..	g	68	—	0
Mus'br'ok	g	70	51	0
Dubbo ..	b	87	60	0
Menindie	b	84	61	0
Mudgee..	g	72	54	0
Maitland	g	70	60	0·99
Hill End .	g	—	—	0
Newcast'e	b	75	56	0·19
Orange .	b	73	58	0
Bathurst	g	67	48	0
8 69				
Forts	g	92	60	0·43
M.Vict'ria	b	87	42	0·02
Cond'b'in	b	75	57	0
Picton. ..	g	66	55	0
Carcoar..	.	—	—	—
Wentw'th	b	85	52	0
Young ..	.	—	—	—
Woll'g'ng	c	78	54	0·11
Hay.....	b	76	63	0
Moss Vale	g	54	47	0·01
Euston ..	b	89	46	0
Goulburn	g	53	41	0
Wagga ..	b	82	50	0
Cape Geo.	l	65	43	0
Queanb'n	g	65	48	0
Deniliq'n	b	88	54	0
Moruya ..	b	65	62	0
Kiandra	.	—	—	—
Albury	b	86	50	0
B'd'lla	b	69	64	0
Cooma	g	72	36	0
Eden	b	68	62	0
Gabo	g	—	.	0





WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers fallen about 9 10 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 15 1882 with NOTES to 3 P.M.

Sydney Observatory.

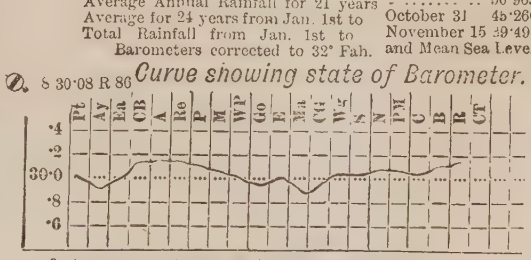
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 50·065.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 15 49·496
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino ..	b	90	57	0
T'nt'rfield	g	80	50	0·20
Moree ..	l	84	63	0·26
Grafton ..	b	80	60	0
Gl'n Inn's	g	74	47	0·50
Inverell ..	c	82	52	0
Bourke ..	b	97	64	0
Narrabri ..	b	94	52	0
Armidale.	b	66	—	0
Bendem'r	g	73	40	0
Gunned'h	b	84	61	0·09
C'n'mble ..	.	—	—	—
Tamw'rth	o	86	55	0·06
Coonab'n	b	82	50	0.70
F.M'cqrie	b	77	59	0
W'lcannia.	.	—	—	—
Murr'ndi	b	71	53	0·05
Cassilis ..	.	—	—	—
Mus'br'ok	b	77	53	0
Dubbo ..	b	81	65	0
Menindie	b	93	68	0
Mudgee ..	g	78	51	0
Maitland	b	75	57	0
Hill End .	r	—	—	1·05
Newcast'e	b	75	56	0
Orange .	r	72	54	0·80
Bathurst	q	75	49	0·06
8 63				
Forbs	b	86	58	0·11
M.Vict'ria	c	65	47	0
Cond'b'in	b	67	47	0
Picton. ..	b	71	59	0
Carcoar ..	g	71	59	0·05
Wentw'th	b	94	52	0
Young ..	l	79	59	0·80
Woll'g'ng	c	74	57	0 02
Hay.....	.	—	—	—
Moss Vale	b	68	52	0
Euston ...	.	—	—	—
Goulburn	b	74	48	0
Wagga ...	.	—	—	—
Cape Geo.	b	68	42	0
Queanb'n	b	70	53	0·02
Deniliq'n	b	92	58	0
Moruya ..	b	65	55	0
Kiandra	b	102	14	0

Albury	b	85	51	0
B'd'lla	b	73	48	0
Cooma	b	79	44	0·18
Eden	b	75	55	0
Gabo	.	—	—	—

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. Stormy, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy very heavy.

FINE GENERALLY.
SYDNEY g 69 63 Rain 0·000

0 29·97 F 89
28 30·26 R 64
14 30·23 R80
1430·04 F 74
8 30·08 R 86
3 72

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Dropsat 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 20 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 16 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 16 49·496
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	m'x	v'n	R'in
Casino ..	b	90	58	0
T'nt'rfield	l	81	52	0
Moree ..	b	89	65	0
Grafton..	b	90	62	0·28
Gl'n Inn's	b	77	46	0·08
Inverell..	b	79	56	0·05
Bourke ..	c	99	70	0
Narrabri	b	99	55	0
Armidale.	b	75	—	0·12
Bendem'r	c	79	36	0·12
Gunned'h	b	88	66	0
C'n'mble.	b	85	59	0
Tamw'rth	.	—	—	—
Coonab'n	b	83	49	0
F.M'cqrie	b	80	58	0
W'lcannia	.	—	—	—
Murr'ndi	b	75	54	0·10
Cassilis ..	b	82	—	0
Mus'br'ok	b	89	55	0
Dubbo ..	b	83	65	0
Menindie	b	91	65	0
Mudgee..	b	86	54	0
Maitland	b	84	59	0
Hill End .	b	—	—	0·05
Newcast'e	b	77	62	0
Orange .	b	75	52	0·01
Bathurst	b	80	51	0
Forbs	b	89	60	0
M. Vict'ria	b	82	50	0
Cond'b'in	b	90	70	0
Picton. ..	b	82	53	0·06
Carcoar..	l	79	59	0
Wentw'th	c	88	60	0
Young ..	b	81	61	0
Woll'g'ng	b	78	55	0
Hay.....	c	90	40	0
Moss Vale	b	78	52	0·05
Euston ..	c	91	72	0
Goulburn	o	85	48	0
Wagga ..	b	94	57	0
Cape Geo.	b	77	46	0
Queanb'n	b	80	53	0
Denliliq'n	b	92	51	0
Moruya ..	b	74	55	0
Kiandra	b	94	15	0·05
Alb'ry	b	99	52	0
B'd'lla	b	82	51	0
Cooma	b	82	42	0·27
Eden	b	78	73	0·05
Gabo	.	—	—	—

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining. wind W

If it is CALM, the symbol is used without the arrow-

sea smooth. heavy very heavy.

28 30·11 R 78

14 30·04 R 91

FINE GENERALLY.
SYDNEY c 73 64 Rain 0·000

14 30·21 R 76

14 30·13R 78

6 30·11 R 74

WIND SCALE.
1-3-Lt'brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 3 74

B 3 78

C 14 78

PM 0 74

N 2 74

S 5 68

W 14 71

CG 14 68

Ma 14 70

E 0 71

WEATHER.
b-Blue sky
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 9 to 15 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 17 1882 with NOTES to 3 P.M.

Sydney Observatory.

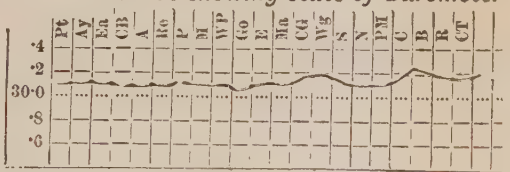
Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 17 39·496
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	y'n	R'in
Casino ..	b	89	54	0
T'nt'rfield	l	81	71	0
Moree ..	b	92	70	0
Grafton..	b	89	62	0
Gl'n Inn's	b	83	47	0
Inverell..	b	81	58	0
Bourke ..	b	103	78	0
Narrabri:	b	102	62	0
Armidale.	b	71	—	0
Bendem'r	c	83	42	0
Gunned'h	b	90	67	0
C'n'mble.	c	93	67	0
Tamw'rth	b	95	59	0
Coonab'n	g	92	58	0
F.M'cqrie	b	81	58	0
W'lcannia	o	—	--	0
Murr'ndi	o	82	63	0
Cassilis ..	b	85	—	0
Mus'br'ok	b	94	42	0
Dubbo ..	u	91	71	0
Menindie	o	92	70	0
Mudgee..	u	93	61	0
Maitland	c	84	65	0
Hill End .	u	—	—	0
Newcast'e	b	78	62	0
Orange .	r	80	59	0
Bathurst	g	87	62	0
8 68				
Forbs	g	94	59	0
M. Vict'ria	c	80	61	0
Cond'b'in	c	80	63	0
Picton. ..	o	83	64	0
Carcoar..	u	80	60	0
Wentw'th	o	90	62	0
Young ..	u	87	58	0
Woll'g'ng	l	77	63	0·03
Hay.....	o	93	42	0
Moss Vale	u	79	58	·66
Euston ..	g	98	53	0
Goulburn	g	88	60	0
Wagga ..	o	95	64	0
Cape Geo.	c	69	50	0
Queanb'n	u	82	60	0
Deniliq'n	b	93	66	0
Moruya..	o	73	61	0
Kiandra	o	59	18	

Albury	.	—	—
B'd'lla	g	79	54	0
Cooma	u	83	52	0
Eden	u	73	64	9
Gabo	.	—	—	—

Curve showing state of Barometer



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u Threatening

WIND SCALE.
1-Lt. airs
2-Lt brze
3-Mod. ,,
4-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

0 30·06 R 86

FINE GENERALLY.
SYDNEY g 74 66 Rain 0·000

14 30·24 R 81

14 30·16 R 84

Barometers fallen about 0·05 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 18 188 2 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years – ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 18 39·508
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Pt Ay Ea CB A Re P M WP Go E Ma Cd Wg S N PM C B R CT

30·4 / 30·2 / 30·0 / ·8 / ·6

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 30·02 F 86

FINE GENERALLY.
SYDNEY o 75 64 Rain 0·012.

Stations.	wt	M'x	M'n	R'in
Casino ..	g	93	61	0
T'nt'rfield	r	88	58	0
Moree ..	b	91	71	0·03
Grafton..	u	90	61	0
Gl'n Inn's		—	—	—
Inverell..	r	82	50	0 09
Bourke ..	l	103	73	0
Narrabri:	u	94	55	0
Armidale.	u	77	—	0·13
Bendem'r	r	85	48	0·12
Gunned'h		—	—	—
C'n'mble.	b	81	65	0
Tamw'rth	c	96	62	0·27
Coonab'n	g	87	61	0
F.M'cqrie	o	80	67	0·09
W'lcannia		—	—	—
Murr'ndi	c	81	63	0·27
Cassilis ..	b	75	—	0·48
Mus'br'ok	b	91	65	0
Dubbo ..	b	87	64	0
Menindie		—	—	—
Mudgee..	b	83	54	0·04
Maitland	c	82	67	0
Hill End.	b	—	—	0
Newcast'e	c	77	—	0·40
Orange .	b	71	53	0·01
Bathurst	b	75	51	0
Forbs	g	94	59	0
M,Vict'ria	c	70	54	0
Cond'b'in	b	77	58	0
Picton. ..	l	75	55	0
Carcoar..	b	76	57	0
Wentw'th		—	—	—
Young ..	b	80	61	0·03
Woll'g'ng	b	73	58	0
Hay.....	b	94	56	0
Moss Vale	b	72	56	0·06
Euston ..		—	—	—
Goulburn		—	—	—
Wagga ..		—	—	—
Cape Geo.	b	68	50	0
Queanb'n	b	75	—	0
Deniliq'n		—	—	—
Moruya ..		—	—	—
Kiandra		—	—	—

Albury			
B'd'lla			
Cooma	b	83	45	0
Eden	b	74	68	0
Gabo				

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
Mi
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s,a.m, Greenwich Mn. Time
MAG, VAR. 9°35′30″ E

Barometers fallen about 0·05 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 20 1882 with NOTES to 3 P.M.

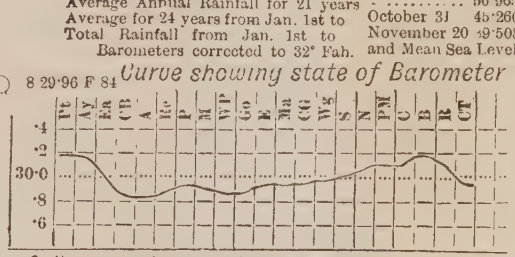
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E*

Average Annual Rainfall for 21 years - ..... 50·965.
Average for 24 years from Jan. 1st to October 31 - 45·260
Total Rainfall from Jan. 1st to November 20 - 49·508
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer

8 29·96 F 84



Fine, wind N. Cloudy, and E. Thunderstorm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy very heavy.

14 29·93 F 75

CLOUDY GENERALLY
SYDNEY 0 77 67 Rain 0·000

28 29·97 – 78

1429·96—83

14 29·83 - 75

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T.
or 2h.55m.9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers fallen about 9 11 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w'x	vn	R'in
Casino ..	b	89	53	0·15
T'nt'rfield	c	72	52	1·95
Moree ..	l	78	65	0
Grafton..	u	88	62	0·30
Gl'n Inn's	g	64	54	0·60
Inverell..	u	85	50	0·21
Bourke ..	g	97	65	1·97
Narrabri.	g	81	59	0·24
Armidale.	g	68	—	0·11
Bendem'r	p	73	46	0·18
Gunned'h	o	85	66	0
C'n'mble .	b	86	59	1·63
Tamw'rth	u	88	60	0·47
Coonab'n	g	84	56	0·09
L.M'eqrie	c	82	63	0
W'leannia	b	—	—	0
Murr'ndi	p	73	60	0·90
Cassilis ..	l	83	—	0·67
Mus'br'ok	b	89	62	0·15
Dubbo ..	b	90	65	0
Menindie	b	101	73	0
Mudgee..	u	88	58	0
Maitland	n	86	57	0
Hill End .	u	-	—	0
Newcast'e	b	75	67	0
Orange .	c	79	53	0·78
Bathurst	g	84	58	0·82
Forts I 8 61	b	72	57	0
M. Vict'ria	l	76	55	1·15
Cond'b'in	o	83	36	0
Picton. ..	o	83	63	0
Carcoar..	g	79	60	0·33
Wentw'th	b	100	74	0
Young ..	o	79	65	0·96
Woll'g'ng	b	81	60	0
Hay.....	b	102	56	0
Moss Vale	c	80	60	0
Euston ..	o	103	64	0
Goulburn	b	81	57	0
Wagga ..	.	—	—	—
Cape Geo.	c	76	53	0
Queanb'n	b	84	56	0
Deniliq'n	b	03	85	0
Moruya ..	o	77	61	0
Kiandra	b	85	18	0·05
Albury	b	99	51	0
B'd'lla	b	80	58	0
Cooma	b	86	52	0·06
Eden	u	70	62	0
Gabo	c	—	-	0

WEATHER MAP.

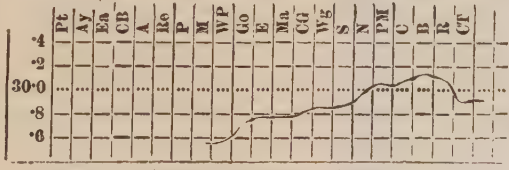
COMPILED from TELEGRAMS for 9 A.M., NOV 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 21 39·546
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Stations.	wt	M'x	yn	R'in
Casino ..	f	80	57	0
T'nt'rfield	c	70	55	0·59
Moree ..	f	85	67	0
Grafton..	c	85	64	0
Gl'n Inn's	b	73	51	0·08
Inverell..	b	94	37	0
Bourke ..	c	93	74	0·13
Narrabri	b	88	61	0
Armidale.	b	74	—	0
Bendem'r	o	77	43	0
Gunned'h	b	88	68	0·06
C'h'mble.	b	84	62	0·42
Tamw'rth	o	95	63	0
Coonab'n	c	83	63	0
F.M'cqrie	b	76	64	0·61
W'lcannia	.	—	—	—
Murr'ndi	b	78	64	0·05
Cassilis ..	o	83	—	0
Mus'br'ok	o	92	65	0
Dubbo ..	b	90	67	0
Menindie	.	—	—	—
Mudgee..	b	86	62	0
Maitland	b	87	65	0
Hill End .	.	-	—	—
Newcast'e	b	81	66	0
Orange .	c	79	58	0
Bathurst	b	80	58	0·04
Forbs	b	85	54	0·21
M.Vict'ria	c	82	57	0
Cond'b'in	o	83	51	0
Picton. ..	b	87	61	0·24
Carcoar...	g	75	64	0
Wentw'th	r	99	61	0·60
Young .	o	85	66	0
Woll'g'ng	b	73	69	0·14
Hay.....	u	99	62	0
Moss Vale	b	82	60	0·15
Euston . .	r	104	57	0·45
Goulburn	o	86	56	0
Wagga ..	o	93	67	0
Cape Geo.	c	74	51	0
Queanb'n	b	88	61	0
Deniliq'n	c	101	62	0
Moruya..	c	78	61	0·03
Kiandra	b	58	27	0·03
Albury	u	92	61	0·09
B'd'lla	b	81	57	0
Cooma	b	83	53	0·25
Eden	b	76	63	0·02
Gabo	b	—	—	0·31

Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

CLOUDY GENERALLY
SYDNEY c 77 66 Rain 0·038

42 29·78 F 82
28 29·74 F 61
28 29·72 F 79
28 29·78 F 78

WIND SCALE.
1-3-Lt'brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fall on about 20 on S. coast. For notes to 3 p.m. see other shipping news.

H. C. RUSSELL.
GOVERNMENT A[illegible]

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 22 188 2 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 22 39·747
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	c	80	65	0
T'nt'rfield	r	78	57	0
Moree ..	p	85	66	0·80
Grafton.	u	81	67	0
Gl'n Inn's	r	74	48	0·21
Inverell ..	r	86	41	0·51
Bourke ..	g	88	66	0·60
Narrabri	r	89	60	1·70
Armidale.	r	77	—	0·07
Bendem'r	r	79	48	1·04
Gunned'h	r	86	67	1·30
C'n'mble.	r	81	62	0·50
Tamw'rth	c	92	64	0·70
Coonab'n	c	84	64	0·88
F.M'cqrie	r	74	64	0·25
W'lcannia	b	—	—	0·97
Murr'ndi	p	80	65	0·45
Cassilis ..	p	83	—	0·06
Mus'br'ok	p	94	70	0·14
Dubbo ..	b	89	65	0·64
Menindie	b	77	60	0·72
Mudgee..	b	85	63	0·93
Maitland	p	92	72	0
Hill End .	u	—	—	1·40
Newcast'e	c	83	67	0
Orange .	g	81	60	2·04
Bathurst	b	78	52	2·15
3 65				
Forbs	g	87	51	2·00
M. Vict'ria	c	77	57	0·95
Cond'b'in	c	72	53	1·30
Picton. ..	g	86	60	0
Carcoar..	g	76	58	2·22
Wentw'th	o	68	52	0·09
Young ..	u	82	60	0·76
Woll'g'ng	.	—	—	—
Hay.....	u	81	42	1·70
Moss Vale	c	81	61	0·70
Euston ..	b	65	46	0
Goulburn	g	84	56	0·32
Wagga ..	.	—	—	—
Cape Geo.	c	73	50	0·71
Queanb'n	b	84	62	0·83
Deniliq'n		84	52	1·46
Moruya .	c	75	63	0·01
Kiandra	r	50	21	1·82

Albury	u	89	54	1·13
B'd'lla	b	84	64	0
Cooma	c	82	54	0·50
Eden	c	75	60	0·23
Gabo	c	—	—	0·31

8 30·05 R 84 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma SE Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E Thunderstorm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow
sea smooth. heavy . very heavy.

28 29·88 R 78

CLOUDY GENERALLY
SYDNEY c 81 66 Rain 0·201

42 30·00 F 59

13 60 A 28 29·86 F 54

23 56

14 29·75 F 63

23 56 Re

34 59 P 13 56 M

34 55 CO WP 23 54

CG 42 67

Ma 14 73

E 14 64

Gc 8 68

S 7 68

N 4 69

PM 42 65

C 42 71

B 3 75

R 3 75

WIND SCALE.
1-Light brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

Barometers risen about 9 20 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 23 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long* 10*h.* 4*m.* 50·81*s E*

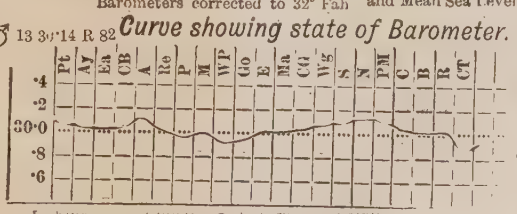
Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 23 39·748
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	x'	x	y	n	R'in
Casino ..	b		78	60	0	16
T'nt'rfield	c		70	52	0	40
Moree ..	b		76	63	0	27
Grafton..	b		74	64	0	11
Gl'n Inn's	b		65	50	0	30
Inverell..	b		84	58	0	15
Bourke ..	b		88	61	0	
Narrabri.	o		83	52	0	
Armidale.	f		68	—	0	79
Bendem'r	o		75	42	0	18
Gunned'h	b		82	62	0	10
C'n'mble.	b		80	53	0	
Tamw'rth	b		95	58	0	
Coonab'n	b		80	47	0	
F.M'cqrie	o		71	59	0	18
W'lcannia	b		—	—	—	
Murr'ndi	o		72	53	0	20
Cassilis ..	o		80	—	0	
Mus'br'ok	b		90	58	0	02
Dubbo ..	b		82	58	0	
Menindie	o		75	57	0	
Mudgee..	o		79	47	0	
Maitland	b		82	61	0	
Hill End .	b		—	—	0	
Newcast'e	b		87	59	0	
Orange .	b		71	40	0	03
Bathurst	b		71	41	0	
0			78			
Forbs	o		84	54	0	
M. Vict'ria	b		77	43	0	
Cond'b'in	b		75	56	0	
Picton. ..	b		81	46	0	
Carcoar..	b		71	47	0	12
Wentw'th	b		74	53	0	
Young .	o		—	—	—	
Woll'g'ng	b		82	52	0	
Hay.....	b		76	41	0	
Moss Vale	b		—	—	—	
Euston .	b		72	53	0	
Goulburn	o		69	40	0	20
Wagga ..	b		72	43	0	35
Cape Geo.	b		93	36	0	
Queanb'n	b		73	46	0	14
Deniliq'n	b		70	50	0	
Moruya ..	b		76	48	0	
Kiandra	b		77	11	1	29

Albury	b	62	42	0	33
B'd'lla	b	79	39	0	
Cooma	b	68	39	0	10
Eden	b	72	61	0	90
Gabo		—	—	0	14

13 30·14 R 82

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. Storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

14 30·07 R 76

FINE GENERALLY
SYDNEY 0·84 55 Rain 0·001

28 30·17 R 7

14 30·16 R67

14 30·09 R 59

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Light breeze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s, a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·42 on S.E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 21 1882 with NOTES to 3 P.M.

Sydney Observatory.

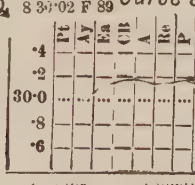
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 24 39·748
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	y'n	r'in
Casino ..	b	84	59	0
T'nt'rfield	b	82	51	0
Moree ..	b	88	64	0
Grafton..	b	85	62	0
Gl'n Inn's	b	86	55	0
Inverell..	b	85	59	0
Bourke ..	o	92	65	0
Narrabri.	l	92	52	0
Armidale.	o	77	—	0
Bendem'r	b	81	41	0
Gunned'h	.	—	-	—
C'n'mble.	b	81	58	0
Tamw'rth	o	95	65	0
Coonab'n	b	84	47	0
F.M'cqrie	c	76	56	0
W'lcannia	b	—	—	0
Murr'ndi	o	81	59	0
Cassilis ..	o	81	—	0
Mus'br'ok	b	90	59	0
Dubbo ..	b	82	60	0
Menindie	o	84	65	0
Mudgee..	o	83	51	0
Maitland	c	82	61	0
Hill End.	b	-	—	0
Newcast'e	b	86	58	0
Orange .	b	72	48	0
Bathurst	b	78	47	0
13 69 Forbs	o	87	54	0
M.Vict'ria	c	82	63	0
Cond'b'in	b	80	61	0
Picton. ..	b	78	50	0
Carcoar..	b	72	55	0
Wentw'th	b	86	57	0
Young ..	o	76	52	0
Woll'g'ng	b	83	52	0
Hay.....	b	83	63	0
Moss Vale	b	77	50	0
Euston ..	b	67	51	0
Goulburn	o	76	45	0
Wagga ..	b	73	55	0
Cape Geo.	b	67	43	0
Queanb'n	b	70	51	0
Deniliq'n	b	82	50	0
Moruya .	b	71	53	0
Kiandra	n	90	12	0

Albury	b	80	49	0
B'd'lla	b	77	48	0
Cooma	b	77	41	0
Eden	.	—	-	—
Gabo	b	—	—	0

Curve showing state of Barometer.



8 30·02 F 89

Fine, Cloudy, T.storm, Raining.
wind N. and E. wind S. wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

28 30·03 F 80

FINE GENERALLY
SYDNEY b 72 60 Rain 0·000

8 30·21 R 68

0 30·14 F74

14 30·10 R 68

R 3 74

B 3 80

C 14 76

PM 0 73

N 3 70

S 8 71

Wg 14 70

CG 42 66

Ma 28 66

E 13 67

WP 3 58

CO 8 57

P 8 56

M

Re 8 60

A 0 59

8 70 18 60

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
r-Frost
o-Overcast
s-Passing show'rs
q-Squally
r-Rain
t-Thunder
th-Threatening

WIND SCALE.
M'le's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·08 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

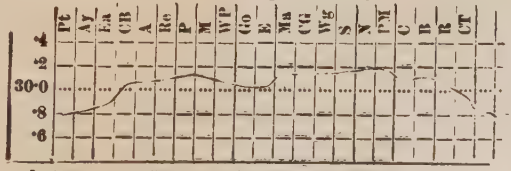
COMPILED from TELEGRAMS for 9 A.M., NOV 25 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long* 10*h.* 4*m* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 25 39·748
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E Storm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

Stations.	Wt	M'x	Mn	R'in
Casino ..	b	83	66	0
T'nt'rfield	u	84	56	0·45
Moree ..	u	91	63	0
Grafton..	u	88	61	0
Gl'n Inn's	n	82	55	0
Inverell..	b	82	59	0
Bourke ..	b	91	68	0
Narrabri:	b	100	70	0
Armidale.	b	80	—	0
Bendem'r	b	82	46	0
Gunned'h	b	90	67	0
C'n'mble.	.	—	—	—
Tamw'rth	b	94	63	0
Coonab'n	u	83	58	0
P.M'cqrie	o	77	57	0
W'lcannia	.	—	—	—
Murr'ndi	o	83	60	0
Cassilis ..	b	82	—	0
Mus'br'ok	b	86	59	0
Dubbo ..	o	83	61	0
Menindie	.	—	—	—
Mudgee..	c	89	51	0
Maitland	b	80	61	0
Hill End .	b	—	—	0
Newcast'e	b	87	59	0
Orange .	b	75	54	0
Bathurst	c	80	54	0
'8 67 Forbs	o	89	58	0
M, Vict'ria	c	77	51	0
Cond'b'in	b	75	56	0
Picton. ..	b	74	54	0
Carcoar..	b	73	53	0
Wentw'th	b	—	—	..
Young ..	b	80	59	0
Woll'g'ng	.	—	—	—
Hay.....	o	90	62	0
Moss Vale	.	—	—	—
Euston ..	g	92	59	0
Goulburn	b	82	51	0
Wagga ..	.	—	—	—
Cape Geo.	b	74	41	0
Queanb'n	b	76	55	0
Deniliq'n	b	84	55	0
Moruya ..	g	71	62	0
Kiandra	.	—	—	..

Albury	b	83	48	0
B'd'lla	c	78	58	0·18
Cooma	c	81	52	0·17
Eden	u	78	59	0
Gabo		—	—	0

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
12-Lt breze
23-Mod. "
34-Fresh "
56-Strg gale
65-Whole "

TIME BALL
Drops at 1 p.m. SMT or 2h. 55m. 9·19s. a.m Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·07 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 27 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long* 10*h.* 4*m* 50 sec. E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 27 39·748
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	b	84	55	0
T'nt'rfield	b	78	68	0
Moree ..	b	86	63	0
Graiton.	b	86	64	0
Gl'n Inn's	b	77	51	0·34
Inverell ..	b	84	55	0
Bourke ..	p	100	76	0·11
Narrabri.	b	100	58	0
Armidale.	b	76	—	0·09
Bendem'r	o	79	40	0
Gunned'h	o	89	69	0
C'n'mble .	.	—	—	—
Tamw'rth	b	95	61	0
Coonab'n	.	—	—	—
F.M'cqrie	o	80	64	0
W'lcannia	g	—	—	—
Murr'ndi	.	—	—	—
Cassilis ..	.	—	—	—
Mus'br'ok	o	63	93	0
Dubbo ..	b	89	67	0
Menindie	r	96	68	0
Mudgee..	.	-	—	—
Maitland	b	87	63	0
Hill End .	b	-	—	0·04
Newcast'e	b	79	61	0
Orange .	b	78	55	0
Bathurst	c	86	53	0·04
8 63				
Forbs	c	90	62	0
M. Vict'ria	c	84	52	0
Cond'b'in	u	85	66	0
Picton.	o	84	55	0
Carcoar..	b	80	59	0
Wentw'th	g	98	67	0·52
Young .	b	86	66	0
Woll'g'ng	.	—	—	—
Hay.....	c	98	71	0
Moss Vale	.	—	—	—
Euston ..	o	102	63	0·03
Goulburn	b	90	54	0
Wagga ..	c	93	60	0
Cape Geo.	b	83	51	—
Queanb'n	.	—	—	0
Deniliq'n	g	101	61	0
Moruya .	g	73	60	0
Kiandra	,	—	—	—
Albury	u	95	48	0
B'd'lla	c	82	51	0
Cooma	.	—	—	—
Eden	c	71	68	0
Gabo	.	—	—	—

Curve showing state of Barometer

Pt Ay Ea CB A Re P M WP Go E Ma CG Wg S N PM C B R CT

30·4 30·2 30·0 29·8 29·6

Fine, Cloudy, T.storm, Raining
wind N. wind E wind S. wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

14 30·01 R 77

CLOUDY GENERALLY
SYDNEY o 75 63 Rain 0·000

— 29·96 — 68

18 — 75 A 42 29·93 F 82

8 59

23 — 67 Re

34 — 71 P 28 84 M

0 29·98 F 77

3 — 78 CO

WP 13 — 69

Go

E 42 — 69

Ma 28 96

CG 56 — 68

Wg

S 1'11 — 72

N 4 — 71

PM 28 — 75

C 14 — 78

B — 76

R — 74

Mls WIND SCALE.
13-Light breeze
23-Mod. ,,
34-Fresh ,,
56-Strong gale
65-Whole ..

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. S.M.T.
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 08 on S. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., NOV 28 1882 with NOTES to 3 P.M.

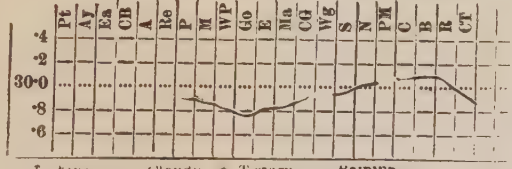
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 28 39·749
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	m'n	r'in
Casino ..	b	89	51	0
T'nt'rfield	b	82	56	0
Moree ..	b	90	63	0
Grafton..	b	89	70	0
Gl'n Inn's	c	74	51	0
Inverell..	g	84	54	0
Bourke ..	u	89	73	0·31
Narrabri:	u	100	55	0
Armidale:	c	76	—	—
Bendem'r	o	83	42	0
Gunned'h	.	—	—	—
C'n'mble.	c	90	67	0
Tamw'rth	o	96	64	0
Coonab'n	c	91	68	0
F.M'cqrie	.	—	—	—
W'lcannia	g	—	—	—
Murr'ndi	o	86	66	0
Cassilis ..	u	85	—	0·05
Mus'br'ok	b	102	68	0
Dubbo ..	c	91	67	0
Menindie	o	81	65	0·26
Mudgee..	u	91	66	0
Maitland	b	91	70	0
Hill End .	u	—	—	0·91
Newcast'e	b	80	63	0
Orange .	u	83	62	0·85
Bathurst	g	85	63	0·15
Forbs	o	92	63	0
M,Vict'ria	c	85	62	0
Cond'b'in	u	75	56	0·37
Picton. ..	o	85	63	0
Carcoar..	g	80	71	0·50
Wentw'th	u	86	57	0·59
Young ..	u	82	63	0·11
Woll'g'ng	.	—	—	—
Hay.....	u	89	67	0
Moss Vale	.	—	—	—
Euston ..	r	90	72	0·15
Goulburn	o	87	63	0·95
Wagga ..	c	91	63	0·23
Cape Geo.	c	83	50	0
Queanb'n	u	87	66	0·36
Deniliq'n	o	94	66	0·03
Moruya..	g	72	62	0·23
Kiandra	.	-	—	—
Albury	u	90	63	1·06
B'd'lla	g	81	62	0·23
Cooma	o	86	59	0·30
Eden	c	71	60	0·04
Gabo	c	—	—	--

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy. very heavy.

0 29·95 F 77

CLOUDY GENERALLY
SYDNEY g 75 64 Rain 0·001

42 29·97 R 59

14 29·85 F76

0 29·92 F 71

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
r-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

Mil's WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

R 75
B 78
G 14 85
PM
N 3 75
S 0 71
W9
CG 56 65
Ma 28 65
E 14 70
Go 8 68
WP 18 58
P 3 57
M
CO
18 60
18 55
A
Re

N E S

Barometers risen about 0·09 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

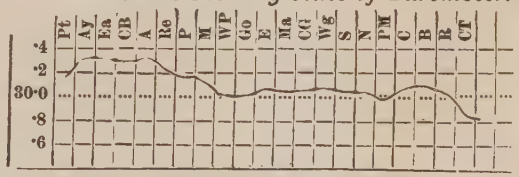
COMPILED from TELEGRAMS for 9 A.M., NOV 29 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long* 10*h.* 4*m* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 29 39·977
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

Stations.	wt	M'x	Mn	R'in
Casino ..	b	96	59	0
T'nt'rfield	o	83	55	0
Moree ..	r	87	70	0·65
Grafton..	b	90	69	0
Gl'n Inn's	u	82	59	0
Inverell..	b	91	50	0
Bourke ..	b	85	66	2·58
Narrabri.	r	190	59	1·30
Armidale.	r	75	58	—
Bendem'r	r	84	52	0·98
Gunned'h	r	87	67	1·06
C'nmble.	b	80	62	0·65
Tamw'rth	c	96	65	0·74
Coonab'n	p	81	62	1·46
F.M'cqrie	r	79	68	1·00
W'lcannia	.	—	—	—
Murr'ndi	r	81	63	0·87
Cassilis ..	.	—	—	—
Mus'br'ok	u	94	58	0·27
Dubbo ..	u	84	63	0·89
Menindie	o	93	57	0
Mudgee..	p	83	65	0·91
Maitland	p	93	72	0·10
Hill End .	p	—	—	1·03
Newcast'e	g	80	63	0·19
Orange .	u	79	54	1·75
Bathurst	u	82	56	0·88
8 68				
Forbs	g	83	54	0·83
M,Vict'ria	r	85	56	0·62
Cond'b'in	o	70	51	0·30
Picton. ..	r	86	52	1·01
Carcoar..	g	75	61	1·20
Wentw'th	u	72	50	0
Young ..	b	79	61	0·71
Woll'g'ng	r	74	56	1·13
Hay.....	b	76	42	0
Moss Vale	.	—	—	—
Euston ..	b	72	49	0·13
Goulburn	g	82	53	0·29
Wagga ..	b	83	56	0·39
Cape Geo.	c	83	50	1·07
Queanb'n	u	77	60	1·30
Deniliq'n	b	79	49	0·65
Moruya ..	g	71	55	0·58
Kiandra	c	60	21	2·47

Albury	.	—	—	—
B'd'lla	g	84	58	0·65
Cooma	c	81	48	0·34
Eden	o	75	55	0·72
Gabo	g	-	-0	49

42 30·03 R 71

CLOUDY GENERALLY
SYDNEY u 78 60 Rain 0·228

42 30·33 R 60

28 30·21 R62

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s, a.m
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·21 on S.E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

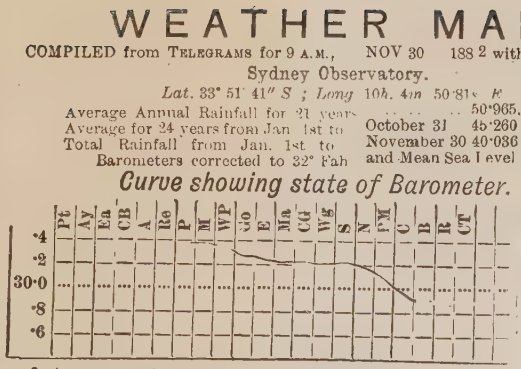
COMPILED from TELEGRAMS for 9 A.M., NOV 30 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long* 10*h.* 4*m* 50·81*s E*

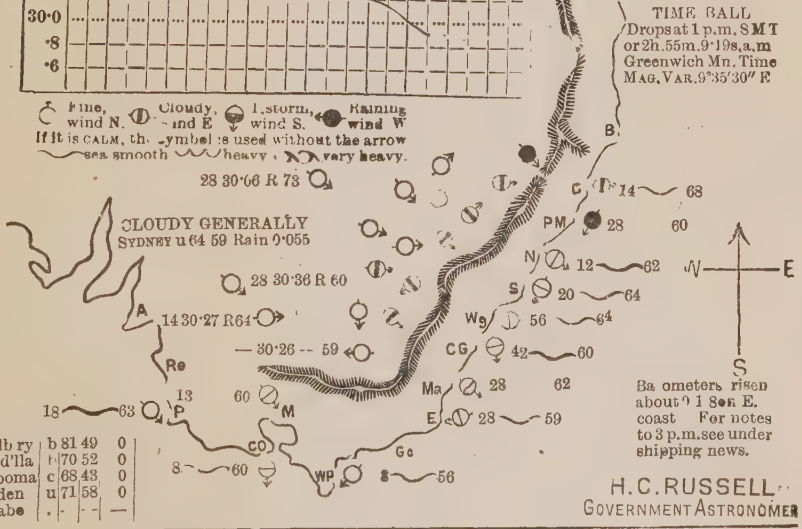
Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan 1st to October 31 45·260
Total Rainfall from Jan. 1st to November 30 40·036
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. Thunderstorm, wind S. Raining wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

Stations.	wt	m'x	m'n	R'in
Casino ..	r	87	60	0·02
T'nt'rfield	r	70	50	0·54
Moree ..	b	77	56	0·07
Grafton..	p	84	59	0·60
Gl'n Inn's	u	64	53	1·06
Inverell..	o	90	47	0·60
Bourke ..	b	84	61	0
Narrabri:	b	100	51	0·34
Armidale.	u	65	—	1·63
Bendem'r	g	69	42	1·06
Gunned'h	b	78	60	0·63
C'n'mble .	o	74	56	0
Tamw'rth	o	77	53	0
Coonab'n		—	—	—
F.M'cqrie	r	70	60	5·10
W'lcannia	.	—	—	—
Murr'ndi	c	72	53	0·60
Cassilis ..	p	74	—	0·16
Mus'br'ok	p	79	55	0·43
Dubbo ..	b	77	69	0
Menindie	.	—	—	—
Mudgee..	u	83	52	0
Maitland	u	75	60	0·50
Hill End .	u	-	—	0
Newcast'e	o	70	55	0·91
Orange .	b	68	48	0
Bathurst	c	72	50	0
Forbs	o	85	52	0
M,Vict'ria	u	59	46	0·45
Cond'b'in	o	70	51	0
Picton. ..	o	67	54	0·57
Carcoar..	b	69	57	0
Wentw'th	b	75	51	0
Young ..	g	71	54	0
Woll'g'ng	c	66	56	0·06
Hay.....	b	74	61	0
Moss Vale	o	60	48	0·06
Euston ..	b	79	45	0
Goulburn	g	65	48	0·02
Wagga ..	b	75	40	0
Cape Geo.	c	64	46	0
Queanb'n	c	72	52	0
Deniliq'n	o	74	48	0
Moruya ..	g	68	57	0
Kiandra	b	57	11	0
Albury	b	81	49	0
B'd'lla	b	70	52	0
Cooma	c	68	43	0
Eden	u	71	58	0
Gabo	.	—	—	—



WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND Scale.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
55-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h. 55m. 9·19s. a.m
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers risen about 0·1 8 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 1 1882 with NOTES to 3 P.M.

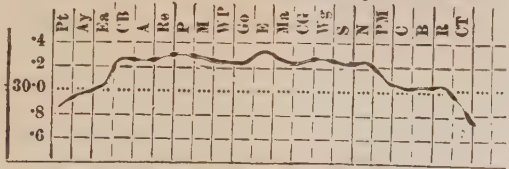
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 1 40·091
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	mn	R'in
Casino ..	b	73	58	0·48
T'nt'rfield	o	64	51	0
Moree ..	b	81	51	0
Grafton..	b	72	62	0·12
Gl'n Inn's	b	80	51	0
Inverell..	b	90	49	0
Bourke ..	b	84	61	0
Narrabri.	g	100	51	0
Armidale.	u	60	—	0·02
Bendem'r	u	62	39	0
Gunned'h	.	—	—	—
C'n'mble.	b	76	56	0
Tamw'rth	r	77	54	0·03
Coonab'n	b	74	53	0
F.M'cqrie	p	66	59	3·95
W'lcannia	.	—	—	—
Murr'ndi	u	68	54	0
Cassilis ..	u	65	—	0
Mus'br'ok	u	65	55	0
Dubbo ..	b	75	57	0
Menindie	b	82	63	0
Mudgee..	b	73	51	0
Maitland	c	68	60	0·05
Hill End.	b	-	—	0
Newcast'e	b	69	51	0·04
Orange .	b	67	45	0
Bathurst	b	65	48	0
13 71 Forts	n	86	56	0
M.Vict'ria	c	58	48	0
Gond'b'in	.	—	—	—
Picton. ..	g	65	56	0
Carcoar..	u	67	55	0
Wentw'th	b	82	52	0
Young ..	b	67	49	0
Woll'g'ng	o	69	55	0
Hay.....	b	85	51	0
Moss Vale	r	67	48	0·05
Euston ..	b	86	49	0
Goulburn	b	62	46	0
Wagga ..	u	80	51	0
Cape Gee.	c	71	63	0
Queanb'n	c	63	50	0
Deniliq'n	b	83	50	0
Moruya ..	b	68	55	0
Kiandra	b	58	13	0
Albury	b	82	50	0
B'd'lla	g	72	43	0
Cooma	g	88	42	0
Eden	c	72	57	0
Gabo	g	-	-	0·09

13 30·03 R 77 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy . very heavy.

28 30·11 R 72

FINE GENERALLY

SYDNEY p 66 58 Rain 0·055

14 30·31 F 71

14 30·30 R 71

0 30·28 R 66

WEATHER.

b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

M's	
13	Lt brze
23	Mod.
34	Fresh
56	Strg gale
65	Whole

TIME BALL

Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m Greenwich Mn. Time

MAG. VAR. 9°35′30″ E

B rometers fallen about 9 17 in Sth. Austa. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

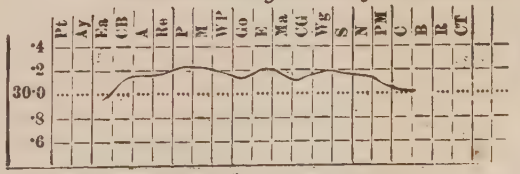
COMPILED from TELEGRAMS for 9 A.M., DEC. 2 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 2 40·093
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky .
c-Scatter'd clouds.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs.
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

14 30·05 F 80

FINE GENERALLY
SYDNEY g 68 51 Rain 9·002

14 30·26 F 70
14 30·20 F75
14 30 19 F 68

Barometers fallen about 0·09 on E. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	m'x	mn	R'in
Casino ..	c	77	—	0·11
T'nt'rfield	u	70	53	0·10
Moree ..	b	85	55	0·13
Grafton..	b	78	61	0
Gl'n Inn's	b	69	47	0·03
Inverell..	b	90	52	0·15
Bourke ..	b	85	65	0
Narrabri..	c	80	51	0
Armidale.	o	60	—	0
Bendem'r	o	69	35	0
Gunned'h	c	81	58	0
C'n'mble.	b	78	54	0
Tamw'rth	.	—	—	—
Goonab'n	b	77	46	0
F.M'cqrie	b	70		0·06
W'lcannia	b	—	—	—
Murr'ndi	c	68	55	0
Cassilis ..	o	70	—	0
Mus'b'rok	u	71	54	0
Dubbo ..	b	79	58	0
Menindie	b	86	65	0
Mudgee..	b	77	47	0
Maitland	c	72	57	0
Hill End.	o	-	—	—
Newcast'e	o	73	57	0
Orange .	b	68	43	0
Bathurst	b	69	48	0
0 71				
Forbs	b	87	55	0
M.Vict'ria	u	57	42	0
Cond'b'in	b	78	59	0
Picton. ..	b	66	56	0
Carcoar..	o	69	48	0
Wentw'th	b	91	61	0
Young ..	b	71	51	0
Woll'g'ng	o	79	56	0
Hay.....	b	87	52	0
Moss Vale	.	—	—	—
Euston ..	b	92	53	0
Goulburn	c	63	46	0
Wagga ..	b	89	50	0
Cape Geo.	c	66	43	0
Queanb'n	b	64	50	0
Deniliq'n	b	87	55	0
Moruya..	c	69	54	0
Kiandra	b	70	12	0
Albury	b	80	52	0
B'd'lla	c	70	50	0
Cooma	b	79	45	0
Eden	u	65	57	0
Gabo	o	-	-	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 4 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 4 40·103
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	Mn	R'in
Casino ..	b	80	51	0
T'nt'rfield	b	75	46	0·24
Moree ..	b	84	51	0
Grafton..	b	83	57	0
Gl'n Inn's	b	75	46	0
Inverell..	o	90	50	0
Bourke ..	g	87	68	0
Narrabri.	o	100	53	0
Armidale.	b	73	—	0
Bendem'r	b	78	48	0
Gunned'h	b	82	61	0
C'n'mble.	.	—	—	—
Tamw'rth	b	99	55	0
Coonab'n	o	79	47	0
F.M'cqrie	b	74	57	0
W'lcannia	g	—	—	—
Murr'ndi	b	74	50	0
Cassilis ..	b	75	—	0
Mus'br'ok	o	81	51	0
Dubbo ..	o	79	58	0
Menindie	u	91	76	0
Mudgee..	b	83	49	0
Maitland	b	77	54	0
Hill End.	b	—	—	0
Newcast'e	b	72	57	0
Orange .	b	73	49	0
Bathurst	c	76	45	0
28 70				
Forbs	b	88	55	0
M.Vict'ria	b	75	42	0
Cond'b'in	c	77	58	0
Picton..	b	75	48	0
Carcoar..	o	72	52	0
Wentw'th	c	97	76	0
Young ..	o	78	56	0
Woll'g'ng	b	75	55	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	g	97	70	0
Goulburn	b	75	46	0
Wagga ..	.	—	—	—
Cape Geo.	b	72	41	0
Queanb'n	b	73	52	0
Deniliq'n	g	95	58	0
Moruya ..	.	.	—	—
Kiandra	b	78	15	0

Albury	c	98	52	0
B'd'lla	.	—	—	—
Cooma	c	81	43	0
Eden	b	70	67	0
Gabo	b	—	—	0

8 29·97 F 99 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma CG We S N PM C R T CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth. heavy . very heavy.

14 30·00 F 70

CLOUDY GENERALLY
SYDNEY c 72 55 Rain 0·010

14 30·05 F 85

14 30·09 F 76

0 30 09 F 74

WEATHER.
b-Blue sky .
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
Mi's
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

B rometers fallen about 9 16 on S.E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

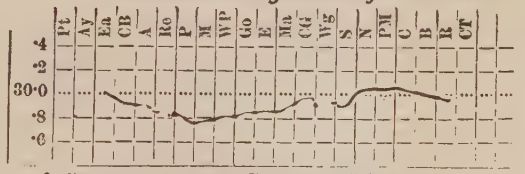
COMPILED from TELEGRAMS for 9 A.M., DEC. 5 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 5 40·103
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow. sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-P'assing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

MILE WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

14 29·86 F 69

FINE GENERALLY
SYDNEY b 73 64 Rain 0·000

14 30·04 F 74

20 29·85 F 71

0 29 97 F 64

B rometers fallen generally.
For notes to 3 p.m. see under shipping news.

Stations.	wt	M'x	M'n	R'in
Casino ..	b	84	57	0
T'nt'rfield	b	78	54	0
Moree ..	b	82	51	0
Grafton ..	b	86	60	0
Gl'n Inn's	b	77	50	0
Inverell ..	o	89	58	0
Bourke ..	o	89	70	0
Narrabri :	b	90	50	0
Armidale.	.	—	—	—
Bendem'r	b	78	37	0
Gunned'h	b	85	61	0
C'n'mble .	b	91	62	0
Tamw'rth	.	—	—	—
Coonab'n	o	84	55	0
F.M'cqrie	b	76	58	0
W'lcannia	g	—	—	0·15
Murr'ndi	b	76	55	0
Cassilis ..	b	79	—	0
Mus'br'ok	o	90	56	0
Dubbo ..	g	81	63	0
Menindie	o	98	72	0
Mudgee ..	g	85	51	0
Maitland	o	82	57	0
Hill End .	.	—	—	—
Newcast'e	b	72	55	0
Orange .	g	77	50	0
Bathurst	b	79	45	0
14 64 Forbs	b	86	57	0
M.Vict'ria	b	76	49	0
Cond'b'in	g	80	60	0
Picton. ..	b	82	50	0
Carcoar ..	g	75	55	0
Wentw'th	g	95	70	0·02
Young ..	g	81	50	0
Woll'g'ng	.	—	—	0
Hay.....	r	94	68	—
Moss Vale	o	78	55	0
Euston ..	r	95	62	0
Goulburn	b	80	47	0
Wagga ..	g	91	58	0·03
Cape Geo.	r	72	46	0
Queanb'n	b	78	57	0
Deniliq'n	g	94	68	0
Moruya ..	m	72	66	0
Kiandra	b	—	—	—

Albury	r	98	53 0·13
B'd'lla	b	79	52 0
Cooma	g	82	45 0
Eden	b	79	67 0
Gabo	o	—	— 0

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 6 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 6 40·153
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	m'n	R'in
Casino ..	b	85	56	0
T'nt'rfield	g	85	55	0
Moree ..	r	87	52	0·26
Grafton..	c	88	65	0
Gl'n Inn's	r	81	56	0·13
Inverell..	r	90	50	0
Bourke ..	g	94	69	1·03
Narrabri:	o	90	46	0
Armidale.	g	78	—	0·11
Bendem'r	r	82	49	0·12
Gunned'h	u	90	69	0 05
C'n'mble.	r	91	63	0·50
Tamw'rth	c	94	66	0·01
Coonab'n	r	87	62	0·30.
F.M'cqrie	o	79	67	0
W'lcannia	b	—	—	—
Murr'ndi	u	80	69	0
Cassilis ..	r	82	—	0
Mus'h'rok	c	94	66	0
Dubbo ..	p	83	66	0
Menindie	b	79	64	0·18
Mudgee..	r	85	61	0·64
Maitland	p	87	67	0
Hill End .	r	-	—	0·97
Newcast'e	r	71	51	0·14
Orange .	r	79	59	1·09
Bathurst	r	78	59	0·90
Forbs	g	85	54	0·58
M. Vict'ria	r	55	50	0·45
Cond'b'in	c	70	51	0·70
Picton. ..	p	84	61	0·29
Carcoar..	r	70	61	0·83
Wentw'th	o	91	60	0·05
Young ..	o	78	61	2·33
Woll'g'ng	p	76	54	0 20
Hay.....	o	95	60	1·33
Moss Vale	u	80	56	0·47
Euston ..	b	93	55	0
Goulburn	g	82	57	0·45
Wagga ..	o	69	58	0·68
Cape Geo.	r	69	50	0
Queanb'n	b	78	53	0 63
Deniliq'n	b	76	52	0·35
Moruya..	p	73	69	0·35
Kiandra	.	—	—	--
Albury	c	76	60	0
B'd'lla	r	82	58	0·46
Cooma	r	78	56	0·50
Eden	p	75	62	0·13
Gabo	g	-	—	0

Curve showing state of Barometer.

Pe, Ne, Ea, CB, A, Re, P, M, WP, Go, E, Ma, CG, We, S, N, PM, C, B, R, CT

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

sea smooth, heavy, very heavy.

CLOUDY GENERALLY
SYDNEY r 74 64 Rain 0·150

23·29·76 F 73

42 29·98 F 64

29·88 R67

29·76 F 69

8 29·99 R 82

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Lt 3-Brze
2-Mod.
3-Fresh
4-Strg gale
5-Whole

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s, a.m.
Greenwich Mn. Time.
MAG. VAR. 9°35′30″ E.

B rometers fallen about 9 18 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 7 1882 with NOTES to 3 P.M.

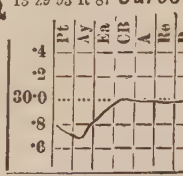
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 7 41·011
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	yn	R'in
Casino ..	c	87	65	0·06
T'nt'rfield	r	79	59	0·36
Moree ..	u	69	60	0·27
Grafton..	u	83	63	0·26
Gl'n Inn's	u	72	51	0·70
Inverell..	r	88	48	0·50
Bourke ..	b	98	68	0
Narrabri :	u	80	56	0·55
Armidale.	u	67	—	0·25
Bendem'r	u	68	41	0·37
Gunned'h	p	76	65	1·37
C'n'mble.	c	84	55	0·91
Tamw'rth	b	77	62	0·60
Coonab'n	c	76	59	2·38
F.M'cqrie	c	76	65	0·11
W'lcannia	b	—	—	0
Murr'ndi	p	71	61	0·90
Cassilis ..	b	72	—	0·76
Mus'br'ok	b	89	44	0·58
Dubbo ..	u	77	58	0·90
Menindie	b	78	62	0
Mudgee..	u	71	58	1·45
Maitland	u	76	67	0·20
Hill End .	.	-	—	—
Newcast'e	b	73	63	0
Orange .	c	72	55	0·55
Bathurst	c	68	59	1·11
8 79 Forbs	b	82	54	0·24
M.Vict'ria	u	65	55	1·10
Cond'b'in	b	78	59	0·80
Picton. ..	o	71	62	1·06
Carcoar..	g	63	60	0·63
Wentw'th	b	81	58	0
Young ..	c	81	60	0·04
Woll'g'ng	o	76	56	0·83
Hay.....	o	—	55	0
Moss Vale	r	65	56	1·07
Euston ..	b	86	64	0
Goulburn	p	61	52	0·50
Wagga ..	b	81	53	0·91
Cape Geo.	r	68	46	0·51
Queanb'n	b	69	58	0·58
Deniliq'n	b	83	52	0·35
Moruya ..	g	68	60	0·30
Kiandra		—	—	—
Albury	b	88	59	0·30
B'd'lla	p	67	58	0·55
Cooma	o	72	52	0·15
Eden	r	70	60	0·22
Gabo	g	-	—	0·13

13 29·93 R 87 *Curve showing state of Barometer*



Fine, wind N. Cloudy, wind E T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

14 29·82 R 80

CLOUDY GENERALLY
SYDNEY r 67 63 Rain 0·758

14 30·03 R 70

0 71 A 0 29·97 R74 D

13 58

14 29·91 R 72 A

8 64 R

18 79 M

23 65 P

13 63 CO

WP 28 59

Ma 42 64

E 28 64

Co 18 66

CG 56 61

Wg 28 C8

N 3 72

S 11 64

PM 14 73

C 76

B 67

R 76

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m, S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 0·14 on S.E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 8 1882 with NOTES to 3 P.M.

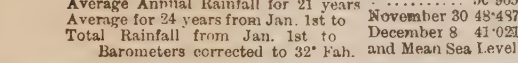
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years . . . . . 56·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 8 41·021
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wf	m'x	m'n	R'in
Casino ..	c	81	61	0·03
T'nt'rfield	o	74	57	1·05
Moree ..	u	81	49	0
Grafton..	c	84	67	0
Gl'n Inn's	o	75	55	0·40
Inverell..	g	85	53	1·00
Bourke ..	b	101	70	0
Narrabri.	u	80	51	0
Armidale.	b	74	—	0·23
Bendem'r	g	75	48	0·12
Gunned'h	u	84	65	0·26
C'n'mble.	b	84	59	0
Tamw'rth	c	86	62	0·12
Coonab'n	b	79	55	0·26
E.M'cqrie	c	77	65	0·11
W'lcannia	b	—	—	0
Murr'ndi	u	71	59	0·03
Cassilis ..	u	76	—	0·46
Mus'br'ok	g	89	62	0·10
Dubbo ..	o	83	64	0
Menindie	o	92	68	0
Mudgee..	u	86	58	0·50
Maitland	c	85	66	0
Hill End .	.	-	—	—
Newcast'e	b	75	62	0
Orange .	o	75	54	0·04
Bathurst	b	74	55	0·10
28 61 Forbs	b	84	55	0
M.Vict'ria	b	73	55	0
Cond'b'in	b	87	68	0
Picton. ..	b	75	63	0·01
Carcoar..	b	75	59	0
Wentw'th	b	91	66	0
Young ..	b	79	59	0
Woll'g'ng	o	75	52	0
Hay.....	b	92	61	0
Moss Vale	c	68	57	0·19
Euston ..	b	97	57	0
Goulburn	b	71	56	0·02
Wagga ..	o	86	54	0
Cape Geo.	b	78	66	0·36
Queanb'n	g	70	60	0·03
Deniliq'n	b	94	58	0
Moruya ..	p	72	67	0·45
Kiandra	.	—	—	—
Albury	b	83	55	0
B'd'lla	p	72	59	0·23
Cooma	c	70	45	0
Eden	f	68	66	0·06
Gabo	g	-	—	0·54

13 29·92 R 94 **Curve showing state of Barometer**



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 29·86 R 86

FINE GENERALLY
SYDNEY c 73 64 Rain 0·010

28 30·00 F 80

0 29·93 F86

0 29·94 R 73

Barometers rising about 9 13 on E. coast For notes to 3 p.m. see under shipping news.

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-Li't brze
2-Mod. ,,
3-Fresh ,,
5-Strg gale
6-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 9 1882 with NOTES to 3 P.M.

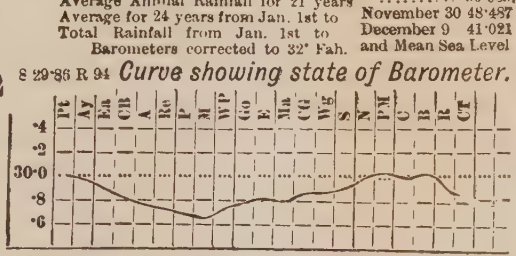
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 9 41·021
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	wn	R'in
Casino ..	c	87	62	1·75
T'nt'rfield	g	78	55	0·15
Moree ..	n	85	51	0
Grafton..	c	87	67	0·10
Gl'n Inn's	g	81	57	0·05
Inverell..	b	85	59	0
Bourke ..	b	109	72	0
Narrabri.	b	70	51	0
Armidale.	g	75	—	0·35
Bendem'r	c	80	44	0·08
Gunned'h	b	84	67	0
C'n'mble.	b	86	64	0
Tamw'rth	o	102	63	0
Coonab'n	c	82	60	0
F.M'cqrie	n	80	63	0·09
W'lcannia	b	—	—	0
Murr'ndi	o	75	62	0·25
Cassilis ..	b	77	—	0·32
Mus'br'ok	c	88	65	0
Dubbo ..	b	86	68	0
Menindie	c	95	75	0
Mudgee..	u	88	61	0
Maitland	b	90	67	0
Hill End.	b	-	—	0·15
Newcast'e	b	82	62	0
Orange .	b	82	58	0·06
Bathurst	g	80	58	0
13 68				
Forbs	b	83	57	0
M.Vict'ria	b	76	57	0·50
Cond'b'in	c	85	66	0
Picton. ..	u	82	67	0
Carcoar..	b	78	63	0
Wentw'th	q	101	75	0
Young ..	b	83	79	0
Wolf'g'ng	.	—	—	—
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	b	105	70	0
Goulburn	b	82	57	0
Wagga ..	g	88	62	0
Cape Geo.	b	74	52	0
Queanb'n	o	78	64	0
Deniliq'n	g	98	69	0
Moruya..	o	75	63	0
Kiandra	b	73	22	0
Albury	.	—	—	—
B'd'lla	b	83	61	0
Cooma	g	82	54	0
Eden	b	72	70	0
Gabo	c	—	—	0

S 29·86 R 94 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow
sea smooth. heavy. very heavy.

14 29·85 F 83

FINE GENERALLY
SYDNEY b 76 66 Rain 0·000

42 29·83 F 80

28 29·82 F83

WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing showrs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′ 30″ E

Barometers fallen about 9·05 on S.E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC. 11 188 2 with NOTES to 3 P.M.

Sydney Observatory.

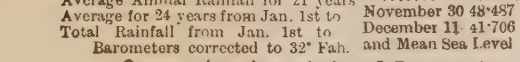
Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years . . . . . 50·965
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 11 41·706
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	b	82	60	0
T'nt'rfield	b	84	57	0·03
Moree ..	b	88	56	0
Grafton ..	b	89	66	0
Gl'n Inn's	g	82	54	0·10
Inverell ..	b	85	53	0
Bourke ..	b	103	71	0
Narrabri :	c	70	51	0·13
Armidale.	b	80	—	0·06
Bendem'r	o	85	52	0
Gunned'h	o	90	71	0·08
C'n'mble .	b	91	65	0
Tamw'rth	o	96	68	0
Coonab'n	c	89	63	0·08
F.M'cqrie	c	77	65	0
W'lcannia	b	—	—	0
Murr'ndi	r	86	61	0·34
Cassilis ..	r	82	—	0·62
Mus'br'ok	r	100	59	0·58
Dubbo ..	c	91	64	0·08
Menindie	b	80	61	0
Mudgee..	p	89	61	0 63
Maitland	p	97	64	0·42
Hill End .	r	-	—	1·13
Newcast'e	c	87	60	0
Orange .	u	84	56	0·57
Bathurst	u	83	56	0·27
8 68 Forts	b	86	56	0
M. Vict'ria	p	86	51	0·80
Cond'b'in	b	74	55	0
Picton. ..	p	92	58	0·85
Carcoar ..	g	81	61	0·72
Wentw'th	b	78	53	0
Young ..	c	83	51	0·47
Woll'g'ng	p	87	56	1·39
Hay.....	b	98	51	0
Moss Vale	.	—	—	—
Euston ..	b	82	46	0
Goulburn	g	86	52	0·41
Wagga ..	.	—	—	—
Cape Geo.	p	69	46	0
Queanb'n	c	82	55	0·03
Deniliq'n	b	101	53	0
Moruya ..	b	70	65	0 71
Kiandra	o	78	15	0

Albury	b	95	46	0·05
B'd'lla	g	84	54	0·43
Cooma	c	75	49	0·02
Eden	b	72	54	0·07
Gabo	.	—	—	—

Curve showing state of Barometer.

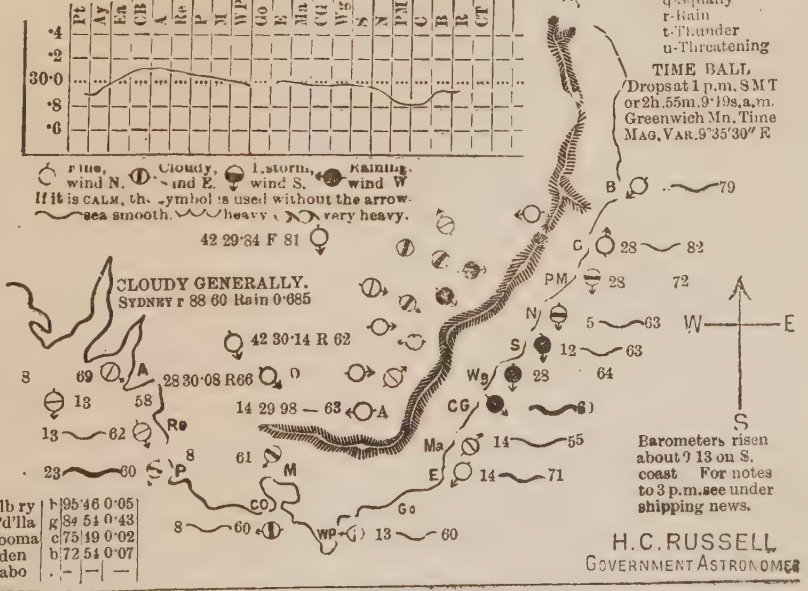


WEATHER.
b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T or 2h.55m.9·19s,a,m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow-
sea smooth. heavy . very heavy.



Barometers risen about 9 13 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

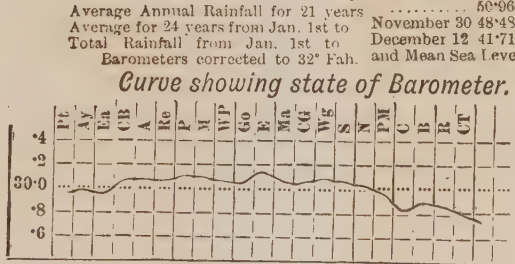
COMPILED from TELEGRAMS for 9 A.M., DEC 12 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 56·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 12 41·718
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

WIND SCALE. 13-Li't brze 23-Mod. " 34-Fresh " 56-Strg gale 65-Whole "

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL Drops at 1 p.m. SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

FINE GENERALLY.
SYDNEY o 6962 Rain 0·012

28 29·87 R 78
28 30·14 S 68
14 30·05 F 70
R 78
13 — 65
13 — 63
8 — 68
13 — 62
8 — 70
14 — 63
14 — 71
42 — 56
14 — 67
17 — 67
14 — 68
56 63
64
70
66
74
62
65

Barometers risen about 9 07 on E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	w'x	v'n	r'in
Casino ..	r	93	63	0
Fort'rfield	o	84	57	0·91
Moree ..	.	—	—	—
Grafton.	u	90	63	0·99
Gl'n Inn's	u	83	55	1·40
Inverell ..	r	85	54	0·60
Bourke ..	o	91	67	0
Narrabri.	r	80	51	0
Armidale.	.	—	—	—
Bendem'r	t	83	44	1·09
Gunned'h	u	90	61	2·79
C'n'mble.	.	—	.	—
Tamw'rth	r	93	58	1·04
Coonab'n	o	88	57	0
F.M'cqrie	r	76	62	1·04
W'lcannia	b	—	—	0
Murr'ndi	r	71	51	1·37
Cassilis ..	r	66	—	0·11
Mus'br'ok	r	67	56	0·31
Dubbo ..	b	74	59	0
Menindie	b	82	60	0
Mudgee..	c	70	56	0
Maitland	g	69	62	0·67
Hill End.	u	-	—	0·46
Newcast'e	c	80	59	0·06
Orange .	g	71	48	0
Bathurst	u	63	53	0
♂ 8 78				
Forbs	b	85	58	0
M. Vict'ria	g	85	47	0·10
Cond'b'in	b	80	55	0
Picton. ..	b	65	52	0
Carcoar..	b	68	59	0
Wentw'th	b	81	56	0
Young ..	b	71	55	0
Wol'g'ng	b	87	55	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	o	33	50	0
Goulburn	b	61	50	0
Wagga ..	b	82	53	0
Cape Geo.	c	69	50	0
Queanb'n	o	73	59	0·03
Deniliq'n	o	82	52	0
Moruya ..	g	69	56	0
Kiandra	b	61	17	0

Albury	.	—	—	—
B'd'lla	g	72	52	0
Cooma	c	79	48	0·02
Eden	b	76	—	0
Gabo	.	—	—	—

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 13 1882 with NOTES to 3 P.M.

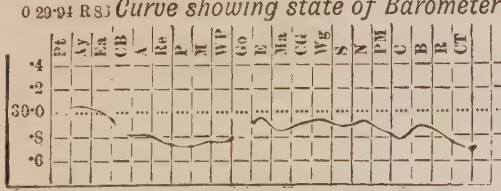
Sydney Observatory.

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 50·81*s* E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 13 41·721
Barometers corrected to 32° Fah. and Mean Sea Level

0 29·94 R 83

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E. Storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

Stations.	wt	m'x	wn	R in
Casino ..	b	75	60	0·42
T'nt'rfield	b	72	49	1·03
Moree ..	.	—	—	—
Grafton..	b	75	58	0·49
Gl'n Inn's	b	62	44	1·04
Inverell..	b	73	54	0·60
Bourke ..	b	93	65	0
Narrabri:	b	90	52	0·18
Armidale.	b	61	—	0·98
Bendem'r	b	65	33	0·66
Gunned'h	b	74	57	0
C'n'mble .	b	78	50	0
Tamw'rth	b	87	43	0·34
Coonab'n	b	71	45	0
F.M'cqrie	o	66	59	0·30
W'lcannia	.	—	—	—
Murr'ndi	b	63	54	0·30
Cassilis ..	u	63	—	0·06
Mus'br'ok	b	69	52	0·16
Dubbo ..	b	75	56	0
Menindie	b	85	70	0
Mudgee..	b	71	49	0
Maitland	c	71	57	0·10
Hill End .	b	-	—	0
Newcast'e	b	78	59	0·07
Orange .	o	68	44	0
Bathurst	b	64	46	0
18 68				
Forbs	b	88	57	0
M. Vict'ria	c	64	45	0
Cond'b'in	b	70	56	0
Picton. ..	b	79	52	0
Carcoar..	b	82	51	0
Wentw'th	b	88	59	0
Young ..	b	78	54	0
Woll'g'ng	b	87	55	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	b	39	47	0
Goulburn	b	66	43	0
Wagga ..	b	85	52	0
Cape Geo.	b	72	48	0
Queanb'n	b	68	48	0
Deniliq'n	b	89	59	0
Moruya ..	o	97	53	0
Kiandra	b	76	17	0
Albury	b	88	51	0
B'd'lla	b	80	45	0
Cooma	b	76	37	0
Eden	b	79	—	0
Gabo	.	-	—	—

FINE GENERALLY.
SYDNEY c 68 57 Rain 0·003

24 29·86 F 77
2 29·94 F 79
14 29·92 F 79
14 29·95 · 62
23
56
18 — 65
23 — 66
8 — 79
76
18 — 67
14 — 68
14 — 73
14 — 69
42 — 65
12 — 68
7 — 69
56 65
14 — 69
14 — 74

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 0·19 on S.W. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 14 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 14 41·721
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	vn	R'in				
Casino ..	b	89	62	0				
T'nt'rfield	g	78	59	0				
Moree ..	b	83	42	0				
Grafton..	b	91	66	0				
Gl'n Inn's	b	71	56	0				
Inverell..	b	77	51	0				
Bourke ..	b	98	68	0				
Narrabri:	o	93	56	0				
Armidale.	b	71	—	0				
Bendem'r	b	77	41	0				
Gunned'h	b	80	60	0				
C'n'mble .	b	85	58	0				
Tamw'rth	o	98	56	0				
Coonab'n	b	81	45	0				
F.M'cqrie	b	75	58	0				
W'lcannia	.	—	—	—				
Murr'ndi	b	74	53	0				
Cassilis ..	b	72	—	0				
Mus'br'ok	o	79	54	0				
Dubbo ..	b	80	61	0				
Menindie	b	92	56	0				
Mudgee..	b	82	57	0				
Maitland	o	77	55	0				
Hill End .	o	-	—	0				
Newcast'e	b	78	54	0				
Orange .	l	73	48	0				
Bathurst	b	77	48	0				
8 67								
Forbs	b	89	59	0				
M.Vict'ria	b	85	44	0				
Cond'b'in	b	85	66	0				
Picton. ..	b	76	51	0				
Carcoar..	b	75	56	0				
Wentw'th	b	99	56	0				
Young ..	b	78	52	0				
Woll'g'ng	o	88	55	0				
Hay.....	b	93	52	0				
Moss Vale	.	—	—	—				
Euston ..	b	93	48	0				
Goulburn	o	79	43	0				
Wagga ..	b	87	77	0				
Cape Geo.	b	74	44	0	Alb'ry	b	88	50	0
Queanb'n	b	74	56	0	B'd'lla	b	80	60	0
Deniliq'n	b	95	55	0	Cooma	b	85	44	0
Moruya .	b	73	63	0	Eden	b	74	58	0
Kiandra	b	81	19	0	Gabo	.	—	—	—

13 29·01 R 91 *Curve showing state of Barometer.*

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy . very heavy.

14 29·73 F 87

FINE GENERALLY.
SYDNEY b 74 59 Rain 0·000

42 30·01 R 63

14 29·36 F66 D

28 29·75 F 63 A

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. Miles
13-Lit brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 29 on S.E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER IS MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 3 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S. ; *Long.* 10*h.* 4*m.* 50·81*s* E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 16 41·721
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	Vn	R'in
Casino ..	b	93	65	,0
T'nt'rfield	b	82	59	0
Moree ..	b	88	45	0
Grafton ..	b	92	66	0
Gl'n Inn's	b	79	49	0
Inverell ..	b	81	63	0
Bourke ..	o	101	65	0
Narrabri .	b	75	56	0
Armidale.	b	77	—	0
Bendem'r	b	81	38	0
Gunned'h	b	83	59	0
C'n'mble .	o	86	57	0
Tamw'rth	b	99	55	0
Coonab'n	b	88	53	0
F.M'cqrie	o	80	66	0
W'lcannia	o	—	—	0
Murr'ndi	b	84	55	0
Cassilis ..	b	73	—	0
Mus'br'ok	o	92	56	0
Dubbo ..	b	81	60	0
Menindie	b	81	61	0
Mudgee..	b	85	50	0
Maitland	b	89	63	0
Hill End .	o	-	—	0
Newcast'e	b	90	61	0
Orange .	l	77	46	0
Bathurst	b	80	44	0
18 67				
Forbs	b	77	60	0
M.Vict'ria	o	88	46	0
Cond'b'in	.	—	—	—
Picton. ..	b	88	49	0
Carcoar..	b	72	53	0
Wentw'th	b	79	51	0
Young ..	b	85	51	0
Woll'g'ng	b	90	45	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	b	79	45	0
Goulburn	o	79	48	0
Wagga ..	o	80	65	0
Cape Geo.	b	78	42	0
Queanb'n	b	77	53	0
Deniliq'n	b	81	49	0
Moruya .	b	72	66	0
Kiandra	b	65	10	0

Alb'ry	b	78·44	0
B'd'lla	b	75·42	0
Cooma	b	77·41	0
Eden	b	75·52	0·17
Gabo	c	—·—	0·18

8 29·93 — 84 *Curve showing state of Barometer.*

Pt Ay Ea CB A Ro P M WP Go E Ma CG Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.

If it is CALM, the symbol is used without the arrow.
sea smooth. heavy. very heavy.

28 29·85 R 80

FINE GENERALLY.
SYDNEY c 89 62 Rain 0·000

42 30·06 R 60

8 61 A 14 29·93 R66 0

23 54 R 0 29·90 R 60 A

23 58 40 58 P 23 61 M

56 57 CO WP 28 59

Ma 14 70 E 14 67 Gc 18 66

C 42 75 PM 42 75 N 3 70 S 4 72 Wg 0 70 CG 14 65

B

R

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W E S

Barometers risen about 9 11 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 16 1882 with NOTES to 3 P.M.

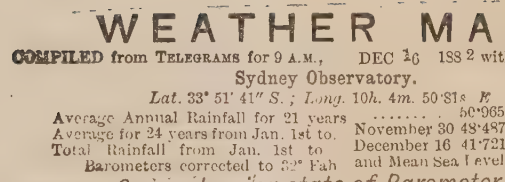
Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to. November 30 48·487
Total Rainfall from Jan. 1st to December 16 41·721
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	m'x	y'n	R'in
Casino ..	b	89	61	0
T'nt'rfield	.	—	—	—
Moree ..	b	89	40	0
Grafton.	b	92	65	0
Gl'n Inn's	b	84	53	0
Inverell ..	b	84	61	0
Bourke ..	c	92	64	0
Narrabri.	b	85	71	0
Armidale.	b	81	—	0
Bendem'r	b	84	58	0
Gunned'h	b	87	58	0
C'n'mble .	b	82	56	0
Tamw'rth	.	—	—	—
Coonab'n	b	87	44	0
E.M'cqrie	b	78	61	0
W'lcannia	.	—	—	—
Murr'ndi	b	83	55	0
Cassilis ..	b	80	—	0
Mus'br'ok	b	92	56	0
Dubbo ..	b	84	64	0
Menindie	b	81	61	0
Mudgee..	b	84	49	0
Maitland	.	—	—	—
Hill End .	b	—	—	0
Newcast'e	b	74	62	0
Orange .	b	75	48	0
Bathurst	c	79	45	0
Forbs	b	90	63	0
M. Vict'ria	b	80	45	0
Cond'b'in	b	83	64	—
Picton. ..	b	83	51	0
Carcoar..	b	73	61	0
Wentw'th	b	80	51	0
Young ..	b	77	53	0
Woll'g'ng	b	77	56	0
Hay.....	b	75	46	0
Moss Vale	.	—	—	—
Euston ..	b	81	47	0
Goulburn	b	78	44	0
Wagga ..	c	83	49	0
Cape Geo.	b	80	48	0
Queanb'n	b	75	50	0
Deniliq'n	b	80	50	0
Moruya .	g	74	59	0
Kiandra	b	75	5	0
Albury	u	87	49	0
B'd'lla	g	80	54	0
Cooma	c	78	41	0
Eden	c	75	56	0
Gabo	b	—	—	0

13 29·96 F 90 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow
sea smooth. heavy. very heavy.

14 29·73 F 82

CLOUDY GENERALLY
SYDNEY b 76 62 Rain 0·000

28 30·04 F 61

14 29·86 F63

14 29·80 F 61

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT or 2h. 55m. 9·198s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Barometers fallen about 9 06 on E. coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL.
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., **DEC 18 1882** with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s.* E.

Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 18 41·723
Barometers corrected to 32° Fah and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino .	o	83	56	0
T'nt'rfield	o	80	46	0
Moree .	b	84	65	0
Grafton .	b	94	62	0
Gl'n Inn's	b	81	42	0
Ingerell ..	o	85	58	0
Bourke .	c	92	66	0
Narrabri .	b	96	70	0
Armidale.	b	80	—	0
Bendem'r	b	76	46	0
Gunned'h	o	—	—	—
C'n'mble .	b	83	50	0
Tamw'rth	b	83	56	3
Coonab'n	o	79	43	0
Bl'eqrie	b	74	54	0
W'lcannia	b	—	—	0
Murr'ndi	g	80	66	0
Cassilis ..	o	75	—	0
Mus'br'ok	b	84	53	0
Dubbo ..	b	84	63	0
Menindie	l	82	69	0
Mudgee..	g	85	46	0
Maitland	o	88	53	0
Hill End .	b	-	—	0
Newcast'e	l	71	54	0
Orange .	b	76	45	0
Bathurst	b	78	43	0
13 69 Forbs	b	84	62	0
M. Vict'ria	o	73	42	0
Cond'b'in	b	85	66	0
Picton. ..	b	69	46	0
Carcoar..	b	72	47	0
Wentw'th	u	83	65	0
Young .	b	78	51	0
Woll'g'ng	b	70	55	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	u	89	59	0
Goulburn	o	69	40	0
Wagga ..	o	82	45	0
Cape Geo.	b	73	40	0
Queanb'n	b	74	49	0
Deniliq'n	c	86	63	0
Moruya .	b	63	56	1·02
Kiandra	b	79	10	0·09

Albury b 80 43 0
B'd'lla b 75 42 0
Cooma b 67 37 0
Eden b 70 51 0
Gabo . . — — —

Curve showing state of Barometer.

13 29·90 M.D.

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	We	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

Fine, wind N. Cloudy, and E. Storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
Sea smooth, heavy, very heavy.

28 29·88 R 81

FINE GENERALLY
SYDNEY b 70 56 Rain 0·002

14 29·85 F 75

8 69 28 29·79 F 81

28 62

14 29·86 R 64

23 63

23 72

0 64

18 76

18 65

WEATHER.

b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE. M.I.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

R 81

B 80

C 14 81

PM 0 74

N 5 68

S 3 71

Wg - 70

CG 14 65

Ma 14 67

E 14 69

Go

WP

Co

M

P

A

Re

TIME BALL

Drops at 1 p.m. S.M.T. or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

W E S

Barometers fallen about 0·10 on S. coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., DEC 19 1882 with **NOTES** to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 19 41·723
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	g'in
Casino ..	n	94	58	0
Tint'rfield	b	—	—	—
Moree ..	b	92	41	0
Grafton ..	b	93	64	0
Gl'n Inn's	b	86	72	0
Inverell ..	o	83	61	0
Bourke ..	b	102	78	0
Narrabri ..	b	100	55	0
Armidale ..	.	—	—	—
Bendem'r	b	84	42	0
Gunned'h	o	88	63	0
C'n'mble ..	b	81	62	0
Tamw'rth	b	103	57	0
Coonab'n	b	99	51	0
L.M'cqurie	g	81	63	0
W'leannia	.	—	—	—
Murr'ndi	b	84	61	0
Cassilis ..	o	80	—	0
Mus'br'ok	b	95	63	0
Dubbo ..	b	86	65	0
Menindie	f	100	72	0
Mudgee ..	o	88	53	0
Maitland	b	88	61	0
Hill End ..	c	—	—	0
Newcast'e	f	78	61	0
Orange ..	b	80	54	0
Bathurst ..	b	85	51	0
Forbs	b	89	62	0
M. Vict'ria	o	85	43	0
Cond'b'in	b	95	75	0
Picton ..	b	85	54	0
Carcoar ..	b	86	59	0
Wentw'th	b	97	57	0
Young ..	b	84	58	0
Wolf'g'ng	b	89	50	0
Hay	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	b	91	54	0
Goulburn	o	85	39	0
Wagga ..	o	95	58	0
Cape Geo.	c	72	50	0
Queanb'n	b	79	57	0
Deniliq'n	b	93	60	0
Moruya ..	g	72	55	0
Kiandra ..	b	89	21	0
Alb'ry	b	89	51	0
B'd'lla	g	77	50	0
Cooma	c	83	49	0
Eden	c	74	67	0
Gabo	b	—	—	0

13 29·93 R 86 *Curve showing state of Barometer.*

Pt Ay Ea CB A Re P M WP Go E Ma Cd Wg S N PM C B R CT

·4 ·2 30·0 ·8 ·6

Fine, wind N. Cloudy, wind E. T.storm, wind S. Raining, wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth, heavy, very heavy.

28 29·71 F 91

FINE GENERALLY
SYDNEY b 83 61 Rain 0·000

28 29·85 S 67

28 29·71 F 74

28 29·64 F 80

13 66

Barometers fallen about 0·20 on E. coast. For notes to 3 p.m. see under shipping news.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s. a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 20 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long.* 10h. 4m. 50·81s. E.

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall to m. Jan. 1st to December 20 42·938
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

Stations.	wt	m'x	v'l	R'in
Casino	.	—	—	—
Ft'rfield	.	—	—	—
Moree	b	100	47	0
Grafton	.	—	—	.
Gl'n Inn's	.	—	—	—
Inverell..	b	84	70	0
Bourke	b	108	78	0
Narrabri..	b	107	50	0
Armidale..	.	—	—	—
Bendem'r	b	91	46	0
Gunned'h	b	98	70	0
C'n'mble..	.	—	—	—
Tamw'rth	b	111	68	0
Coonab'n	b	97	63	0
F.M'cqrie	b	83	68	0
W'lcannia	g	—	—	0
Murr'ndi	b	93	63	0
Cassilis..	b	93	—	0
Mus'br'ok	b	105	72	0
Dubbo ..	b	93	74	0
Menindie	f	92	62	0
Mudgee..	b	96	67	0
Maitland	b	104	74	0
Hill End .	b	-	—	0
Newcast'e	f	103	61	0
Orange .	b	81	60	0
Bathurst	b	89	62	0
Forbs	b	90	62	0
M.Vict'ria	b	83	53	0
Cond'b'in	b	97	77	0
Picton..	c	92	64	0
Carcoar..	b	84	59	0
Wentw'th	b	84	52	0
Young .	b	93	61	0
Woll'g'ng	b	101	63	0
Hay.....	b	86	44	0
Moss Vale	.	—	—	—
Euston ..	b	84	44	0
Goulburn	b	95	59	0
Wagga ..	b	95	52	0
Cape Geo.	b	67	49	0
Queanb'n	b	88	64	0
Deniliq'n	b	87	51	0
Moruya..	b	90	62	0
Kiandra	b	75	16	0
Alb'ry	b	87	53	0
B'd'lla	b	98	58	0
Cooma	b	88	51	0
Eden	b	77	57	0
Gabo	b	-	—	0

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
r-Frost
o-Overcast
s-Passing show'rs
t-Showery
u-Under
w-Threatening

WIND SCALE.
13-Light breeze
23-Mod. ,,
34-Fresh ,,
55-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

FINE GENERALLY
SYDNEY c 100 69 Rain 0·00

Barometers risen about 9 15 on S E coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 21 188 2 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E*

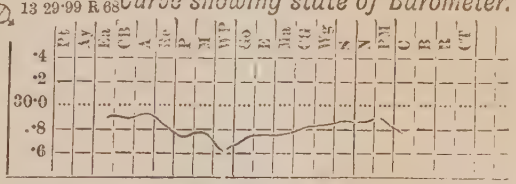
Average Annual Rainfall for 21 years . . . . . 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 21 42·038
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	w'x	vn	R'in
Casino ..	b	104	61	0
Wat'rfield	b	94	64	0
Moree ..	b	101	41	0
Grafton..	b	106	73	
Gin Inn's	o	91	57	0
Gayereil ..	b	93	61	0
Bourke ..	b	99	69	0
Macquari.	b	105	57	0
Armidale.	b	88	—	0
Bendem'r	c	90	40	0
Gunned'h	b	96	64	0
Cu'mble .	o	89	42	0
Tamw'rth	.	—	—	—
Coonab'n	l	92	49	0
L.M'cquie	b	86	66	0
W'icannia	b	—	—	0
Murr'ndi	b	93	54	0
Cassilis ..	o	83	—	0
Mus'br'ok	b	97	64	0
Dubbo ..	b	86	63	0
Menindie	l	85	64	0
Mudgee..	o	83	59	0
Maitland	c	96	70	0
Hill End .	b	.	—	0
Newcast'e	l	82	68	0
Orange .	b	76	46	0
Bathurst	b	78	45	0
8 69				
Forbs	b	94	64	0
M.Vict'ria	o	83	50	0
Cond'b'in	b	80	60	0
Picton. ..	b	86	66	0
Carcoar..	b	71	51	0
Wentw'th	b	85	56	0
Young ..	b	77	59	0
Woll'ng	b	88	60	0
Hay.....	b	89	50	0
Moss Vale	.	—	—	—
Euston ..	b	83	43	0
Goulburn	o	76	44	0
Wagga ..	b	62	53	0
Cape Geo.	b	87	45	0
Queanb'n	b	76	54	0
Deniliq'n	b	80	51	0
Moruya .	c	73	59	0
Bundra	b	81	19	0

Albury	c	89·44	0
B'd'lla	b	77·59	0
Cooma	b	79·40	0
Eden	b	78 53	0
Gabo	b	—	0

13 29·99 R 68

Curve showing state of Barometer.



Fine, wind N. Cloudy, and E T.storm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow

sea smooth. heavy very heavy.

28 29 85 R 84

FINE GENERALLY

SYDNEY c 81 59 Rain 0·000

14 29·90 F 70

14 29·88 R 59

14 29·92 F 72

WEATHER.

b-Blue sky.
c-Scatter'd clouds
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.

1-Lt. brze
2-Mod. ,,
3-Fresh ,,
5-Struggle
6-Whole ,,

TIME BALL

Drops at 1 p.m. SMT or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time

MAG. VAR. 9° 35′ 30″ E

Barometers risen about 9 15 on E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., DEC 22 1882 with **NOTES** to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.* ; *Long.* 10*h.* 4*m.* 50·81*s. E.*

Average Annual Rainfall for 21 years - ..... 50·965.
Average for 24 years from Jan. 1st to November 30 43·487
Total Rainfall from Jan. 1st to December 22 42·038
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	vn	R'in
Casino .	c	95	60	0·35
Tent'rfield	.	—	—	—
Moree .	g	95	42	0
Grafton .	b	94	73	0
Gl'n Inn's	g	88	6·	0
Inverell ..	c	82	63	0
Bourke ...	b	100	76	0
Narrabri .	b	105	70	0
Armidale.	c	85	—	0
Bendem'r	g	86	40	0
Gunned'h	g	93	69	0
C'n'mble .	o	98	64	0
Tamw'rth	b	98	61	0
Coonab'n	b	92	55	0
F.M'cqrie	o	81	65	0
Wilcannia	b	—	—	—
Murrundi	o	86	57	0
Cassilis ..	b	87	—	0
Mus'b'rok	b	98	63	0
Dubbo ..	l	87	63	0
Menindie	o	94	69	0
Mudgee..	b	91	52	0
Maitland	b	92	68	0
Hill End .	b	-	—	0
Newcast'e	l	82	64	0
Orange .	b	79	48	0
Bathurst	b	83	47	0
0 72				
Forbs	b	94	64	0
M.Vict'ria	o	83	53	0
Cond'b'in	b	93	74	0
Picton. ..	b	83	55	0
Carcoar..	b	78	58	0
Wentw'th	b	99	61	0
Young ..	b	81	54	0
Woll'g'ng	b	88	59	0
Hay.....	b	89	60	0
Moss Vale	o	82	53	0
Euston ..	b	91	49	0
Goulburn	o	84	51	0
Wagga ..	o	81	50	0
Cape Geo.	o	75	65	0
Queanb'n	b	80	55	0
Deniliq'n	b	01	55	0
Moruya .	b	76	59	0
Riandra	c	87	16	0
Alb'ry	c	89	50	0
B'd'lla	b	88	61	0
Cooma	b	81	46	0
Eden	c	75	60	0
Gabo	b	—	—	0

13 29·96 F 72 *Curve showing state of Barometer.*

Pt Ay Ea CB A Ro P M WP Go E Ma CG Wg S N PM C B R CT

30·4 30·2 30·0 29·8 29·6

Fine, wind N. Cloudy, and E. L.storm, wind S. Raining wind W

If it is CALM, the sea smooth. symbol is used without the arrow. heavy very heavy.

14 29·85 S 93

FINE GENERALLY
SYDNEY b 79 64 Rain 0·000

14 29·92 R 72

14 29·91 F 82

0 29·88 S 72

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
1-3-Li't brze
2-3-Mod. ,,
3-4-Fresh ,,
5-6-Strg gale
6-5-Whole ,,

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s.a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E.

C 14 82
PM 14 78
N 2 75
S 3 79
W 14 74
E
Wg 14
CG 42 69
Ma 14 71
E 0 75
S

Barometers risen about 9·05 on E coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 23 188 2 with NOTES to 3 P.M.

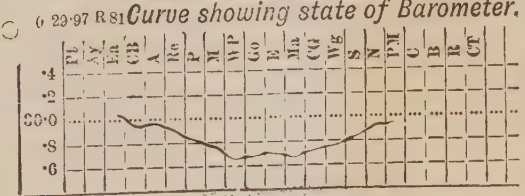
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 23 42·038
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	M'x	vn	R'in
Casino .	b	84	66	0·39
Tot'rfield	g	80	61	0·07
Moree .	p	93	32	0·12
Grafton .	g	88	67	0
Gl'n Inn's	b	87	59	0·18
Inverell ..	g	83	58	0
Bourke .	b	101	70	0
Narrabri .	b	90	57	0
Armidale.	c	85	—	0
Bendem'r	g	81	49	0
Gunned'h	g	89	68	0
G'n'mble .	o	92	62	0
Tamw'rth	l	89	64	0
Coonab'n	b	93	63	0
P.M'cqurie	o	85	70	0
Wilcannia	b	—	—	0
Murr'ndi	o	86	57	0
Cassilis ..	b	88	—	0
Mus'br'ok	b	102	49	0
Dubbo ..	l	92	73	0
Menindie	.	—	—	—
Mudgee..	b	95	59	0
Maitland	b	97	69	0
Hill End .	b	—	—	0
Newcast'e	l	84	68	0
Orange .	b	84	57	0
Bathurst	o	90	54	0
8 71 Forbs	b	99	66	0
M. Vict'ria	o	93	53	0
Cond'b'in	b	99	78	0
Picton. ..	c	87	48	0
Carcoar..	b	80	58	0
Wentw'th	b	101	66	0
Young ..	b	89	63	0
Woll'g'ng	b	85	61	0
Hay.....	b	99	68	0
Moss Vale	.	—	—	—
Euston ..	b	101	58	0
Goulburn	.	—	—	—
Wagga ..	b	92	50	0
Cape Geo.	b	79	50	0
Queanb'n	b	80	57	0
Deniliq'n	b	100	64	0
Moruya .	b	74	69	0
Bandra	b	91	1s	0
Albury	c	93	55	0
B'd'lla	b	82	53	0
Cooma	b	87	45	0
Eden	b	76	60	0
Gabo	b	—	—	0

Curve showing state of Barometer.



Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W

If it is CALM, the symbol is used without the arrow.

Sea smooth. heavy. very heavy.

28 29·87 R 87

FINE GENERALLY

SYDNEY b 87 65 Rain 0·000

28 29·94 R 76

14 29·82 F 87

14 29·85 F 75

13 75 A 58 Re 23 62 18 79 M 34 63 P CO 18 64 WP 23 65 Go Wg 14 81 CG 42 74 Ma 42 74 E 14 76 PM 28 81 N 1 83 S 3 81 C 14 81 B R

MILES. WIND SCALE.
13-Lt brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m. SMT or 2h. 55m. 9·19s. a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

W — E
S

Barometers risen about 0·05 on S coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 26 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S* ; *Long.* 10*h.* 4*m.* 50·81*s.* *E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 26 42·126
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	m'x	vn	R'in
Casino ..	r	75	60	0·35
T'nt'rfield	.	—	—	—
Moree ..	.	—	—	—
Grafton ..	.	—	—	—
Gl'n Inn's	.	—	—	—
Inverell ..	b	90	52	0
Bourke ..	b	94	65	0
Narrabri ..	.	—	—	—
Armidale.	c	81	—	0
Bendem'r	g	68	41	0
Gunned'h	.	—	—	—
C'n'mble .	b	89	55	0
Tamw'rth	c	80	56	0
Coonab'n	b	77	50	0
E.M'cqrie	.	—	—	—
W'lcannia	b	—	—	0
Murr'ndi	.	—	—	—
Cassilis ..	c	72	—	0
Mus'br'ok	g	75	53	0
Dubbo ..	b	90	52	0
Menindie	b	85	63	0
Mudgee ..	g	97	51	0
Maitland	c	100	58	0
Hill End .	b	.	—	0
Newcast'e	.	—	—	—
Orange .	.	—	—	—
Bathurst	l	92	47	0
Forbs	b	98	64	0
M.Vict'ria	.	—	—	—
Cond'b'in	b	78	55	0
Picton. ..	c	70	49	0·13
Carcoar ..	b	68	50	0·52
Wentw'th	b	85	69	0
Young ..	.	—	—	—
Woll'g'ng	b	85	55	0
Hay.....	.	—	—	—
Moss Vale	.	—	—	—
Euston ..	b	87	52	0
Goulburn	b	69	43	0
Wagga ..	b	103	56	0
Cape Geo.	.	—	—	—
Queanb'n	b	89	49	0
Deniliq'n	b	99	51	0
Moruya ..	b	72	51	0
Kiandra	.	—	—	—
Albury	b	—	49	0
B'd'lla	.	—	—	—
Cooma	b	78	39	0
Eden	b	70	66	0
Gabo	b	—	—	0

Curve showing state of Barometer.

	Pt	Ay	Ea	CB	A	Re	P	M	WP	Go	E	Ma	CG	We	S	N	PM	C	B	R	CT
·4																					
·2																					
30·0																					
·8																					
·6																					

WEATHER.
b-Blue sky .
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
p-Rain
q-Overcast
r-Passing show'rs
s-Squally
t-Thdr.
u-Under
w-Threatening

WIND SCALE
13-Light breeze
23-Mod. ..
34-Fresh ..
56-Strong
65-Whole ..

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.0·1s.a.m
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

wind N. wind E wind S. wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. very heavy.

42 30·13 R 77
FINE GENERALLY
SYDNEY g 71 59 Rain 0·083
28 30·24 R 68
14 30·22 R 77
14 30·21 R 70
14 — 09
23 — 09
14 — 05
14 — 06

Barometers rise in about "49 on E coast for notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

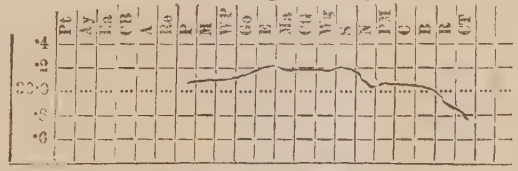
COMPILED from TELEGRAMS for 9 A.M., DEC 27 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S ; *Long.* 16*h.* 4*m.* 59 Sec. E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan 1st to November 30 43·487
Total Rainfall from Jan. 1st to December 27 42·141
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.



Clear, Cloudy, Thunderstorm, Raining.
wind N. wind E wind S. wind W
If it is CALM, the symbol is used without the arrow-
wind shown. heavy. very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
r-Rainy
s-Snow
t-Thunder
v-Overcast
w-Passing show'rs
z-Windy
1-Fair
2-Cloudy
3-Threatening

WIND SCALE.
M'ls
12-Lit breze
23-Mod.
34-Fresh
56-Strg gale
65-Whole

TIME BALL
Drops at 1 p.m. S M T
or 2h.55m.9·10s. a.m
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

42 30·02 F 76

FINE GENERALLY
SYDNEY g 74 55 Rain 0·015

42 30·18 F 83

28 30·18 F 80

14 30·20 F 70

73

13—62 P M

18—66 CO

18—66 WP

Go

E 14—74

Ma 14—72

CG 28—65

S 14—73

S 8—70

N 6—68

PM 42—72

C 42—69

B —67

R —75

Barometers risen about 0·05 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	M'x	m'n	R'in
Casino ..	c	70	60	0 23
T'nt'rfield	d	72	54	0
Moree ..	l	88	78	0
Grafton..	.	—	—	—
Gl'n Inn's	g	72	49	0
Inverell..	b	73	65	0
Bourke ..	b	90	67	0
Narrabri.	.	—	—	—
Armidale.	g	81	—	0·65
Bendem'r	b	69	39	0
Gunned'h	c	81	61	0
C'n'mble.	b	81	51	0
Tamw'rth	b	88	57	0
Coonab'n	b	78	49	0
F.M'cqrie	b	75	66	0
W'lcannia	b	—	—	0
Murr'ndi	b	79	57	0
Cassilis ..	c	72	—	0·47
Mus'br'ok	b	79	56	0
Dubbo ..	b	88	56	0
Menindie	b	91	69	0
Mudgee..	g	77	49	0
Maitland	c	75	62	0
Hill End .	b	—	—	—
Newcast'e	b	75	62	0
Orange .	b	71	48	0
Bathurst	b	68	50	0
Forbs	b	94	66	0
M.Vict'ria	g	59	46	0
Cond'b'in	b	77	56	0
Picton. ..	c	74	47	0
Carcoar..	b	68	58	0
Wentw'th	b	95	67	0
Young ..	b	76	53	0
Woll'g'ng	b	77	54	0
Hay.....	b	59	56	0
Moss Vale	.	—	—	—
Euston ..	b	98	56	0
Goulburn	b	74	46	0
Wagga ..	.	—	—	—
Cape Geo.	b	77	40	0
Queanb'n	b	74	51	0
Deniliq'n	b	94	58	0
Moruya ..	b	72	56	0
Kiandra	b	72	15	0
Albury	b	92	48	0
B'd'lla	.	—	—	—
Cooma	b	82	41	0
Eden	b	76	53	0
Gabo	b	—	—	0

WEATHER MAP.

COMPILED from TELEGRAMS for 9 A.M., DEC 28 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s E.*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 28 42·141
Barometers corrected to 32° Fah. and Mean Sea Level

Curve showing state of Barometer.

S 29·85 F 3

Pt Ay Ea CB A Re P M VP Go E Ma CG We S N PM C B CT

·4 ·2 30·0 ·8 ·6

Fine. Cloudy. Thunder Storm. Raining.
wind N. and E. wind S. wind W.
If it is CALM, the symbol is used without the arrow.
sea smooth heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND
Scale.
13-Light breeze
23-Mod. "
34-Fresh "
56-Strong gale
65-Whole "

TIME BALL
Drops at 1 p.m. SMT
or 2h.55m.9·19s, a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

42 30·00 F 86

FINE GENERALLY
SYDNEY b 76 50 Rain 0·000

28 30·08 F 86

14 30·05 F 87

0 30·09 F 74

Barometers fall n about 15 on E coast. For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

Stations.	wt	m'x	m'n	R'fall
Casino ..	f	74	54	0
T'nt'rfield	.	—	—	—
Moree ..	b	90	60	0
Grafton ..	b	86	63	0
Gl'n Inn's	b	70	49	0
Inverell ..	b	80	65	0
Bourke ..	b	100	69	0
Narrabri ..	b	95	70	0
Armidale.	b	71	—	0
Bendem'r	b	73	36	0
Gunned'h	b	84	64	0
C'n'mble .	b	82	60	0
Tamw'rth	b	91	56	0
Coomb'n	b	83	57	0
F.M'cqrie	b	77	60	0
W'lcannia	b	—	—	0
Murr'ndi	b	78	53	0
Cassilis ..	b	75	—	0
Mus'br'ok	b	87	55	0
Dubbo ..	b	91	62	0
Menindie	b	92	73	0
Mudgee ..	b	83	58	0
Maitland	b	89	55	0
Hill End .	b	—	—	0
Newcast'e	b	75	61	0
Orange .	b	76	52	0
Bathurst	b	79	43	0
23 71				
Forbs	b	97	62	0
M.Vict'ria	b	69	41	0
Cond'b'in	b	76	56	0
Picton. ..	b	79	49	0
Carcoar..	b	78	55	0
Wentw'th	b	99	68	0
Young ..	b	88	55	0
Woll'g'ng	b	81	59	0
Hay.....	b	95	60	0
Moss Vale	.	—	—	—
Euston ..	b	87	55	0
Goulburn	b	80	46	0
Wagga ..	b	91	54	0
Cape Geo.	.	—	—	—
Queanb'n	b	73	63	0
Deniliq'n	b	96	60	0
Moruya ..	b	74	65	0
Kiandra	b	90	15	0
Albury	b	97	51	0
B'd'lla	b	79	46	0
Cooma	b	87	49	0
Eden	c	75	60	0
Gabo	b	—	—	0

WEATHER MAP.

COMPILED from **TELEGRAMS** for 9 A.M., DEC 29 188 2 with **NOTES** to 3 P.M.

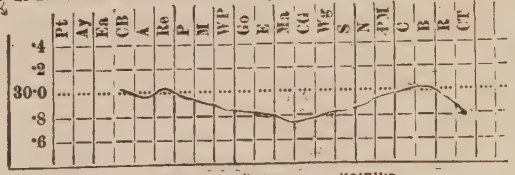
Sydney Observatory.

Lat. 33° 51′ 41″ *S.*; *Long.* 10*h.* 4*m.* 50·81*s. E*

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 29 42·141
Barometers corrected to 32° Fah. and Mean Sea Level

Stations.	wt	s'x	vn	r'in
Casino ..	l	86	53	0
T'nt'rfield	b	81	54	0
Moree ..	b	92	33	0
Grafton ..	b	88	58	0
Gl'n Inn's	b	87	47	0
Inverell ..	b	83	64	0
Bourke ..	b	104	69	0
Narrabri .	b	99	—	0
Armidale.	b	80	—	0
Bendem'r	b	82	37	0
Gunned'h	b	87	63	0
C'n'mble .	b	86	58	0
Tamw'rth	b	97	56	0
Coonab'n	b	89	52	0
F.M'cqrie	b	80	62	0
W'icannia	b	—	—	0
Murr'ndi	b	85	59	0
Cassilis ..	b	86	—	0
Mus'br'ok	b	93	61	0
Dubbo ..	b	89	65	0
Menindie	b	103	79	0
Mudgee ..	b	91	54	0
Maitland	b	87	53	0
Hill End .	b	-	—	0
Newcast'e	b	80	62	0
Orange .	b	80	53	0
Bathurst.	b	87	53	0
Forbs	b	93	—	0
M.Vict'ria	b	95	60	0
Cond'b'in	b	95	77	0
Picton. ..	b	85	54	0
Carcoar ..	b	82	63	0
Wentw'th	b	104	70	0
Young ..	b	93	60	0
Woll'g'ng	b	81	59	0
Hay.....	b	102	60	0
Moss Vale	.	—	—	—
Euston ..	b	108	66	0
Goulburn	b	99	54	0
Wagga ..	b	98	60	0
Cape Geo.	b	79	49	0
Queanb'n	b	84	60	0
Deniliq'n	b	103	62	0
Moruya ..	b	75	59	0
Kiandra	b	99	25	0
Albury	b	—	54	0
B'd'lla	b	84	53	0
Cooma	b	94	51	0
Eden	b	80	61	0
Gabo	b	-	—	0

23 29·87 R 86 *Curve showing state of Barometer.*



Fine, wind N. Cloudy, and E. T.storm, wind S. Raining, wind W
If it is CALM, the symbol is used without the arrow.
sea smooth. heavy very heavy.

WEATHER.
b-Blue sky.
c-Scatter'd cloud.
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

TIME BALL
Drops at 1 p.m. S M T
or 2h. 55m. 9·19s, a.m.
Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

23 29·87 F 93

FINE GENERALLY
SYDNEY b 79 36 Rain 0·000

28 29·95 F 76
0 29·84 F 92
0 29·89 F 76

Barometers fallen about 0·2s on E coast For notes to 3 p.m. see under shipping news.

H. C. RUSSELL
GOVERNMENT ASTRONOMER

WEATHER MAP.

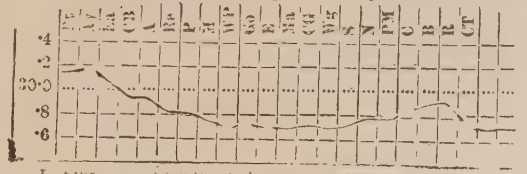
COMPILED from TELEGRAMS for 9 A.M., DEC 30 1882 with NOTES to 3 P.M.

Sydney Observatory.

Lat. 33° 51′ 41″ S.; *Long.* 10*h.* 4*m.* 50·81*s* E

Average Annual Rainfall for 21 years ..... 50·965.
Average for 24 years from Jan. 1st to November 30 48·487
Total Rainfall from Jan. 1st to December 30 42·141
Barometers corrected to 32° Fah and Mean Sea Level

Curve showing state of Barometer.



Stations.		w	x	y	z	Rain
Casino		r	—	—	—	—
F'nf'rfield		.	—	—	—	—
Moree ..		b	91	36		0
Grafton ..		.	—	—	—	—
Gl'n Inn's		.	—	—	—	—
Inverell ..		.	—	—	—	—
Bourke ..		u	102	71		0
Narrabri .		b	99	—		0
Armidale.		b	71	—		0
Bendem'r .		.	—	—	—	—
Gunned'h		b	92	63		0
C'n'mble .		b	94	67		0
Tamw'rth		.	—	—	—	—
Coonab'n		b	94	55		0
L.M'cqrie		s	82	66		0
W'lcannia		r	—	—	—	—
Murr'ndi		b	90	64		0
Cassilis ..		b	91	—		0
Mus'br'ok		b	102	70		0
Dubbo ..		c	95	66		0
Menindie		b	106	66	0	32
Mudgee ..		b	97	61		0
Maitland		b	97	70		0
Hill End .		o	-	—		0
Newcast'e		b	80	66		0
Orange .		g	88	61		0
Bathurst		g	92	62		0
8 65 Forbs		g	96	59		0
M.Vict'ria		b	95	60		0
Cond'b'in		p	71	49		0
Picton. ..		c	91	53		0
Carcoar ..		u	84	66		0
Wentw'th		c	89	55	0	39
Young ..		r	98	68		0
Woll'g'ng		c	74	67		0
Hay.....		p	102	57	0	34
Moss Vale			—	—	—	—
Euston ..		c	93	49	0	29
Goulburn		b	96	63		0
Wagga ..		r	04	54	0	15
Cape Geo.		c	93	51		0
Queanb'n		r	91	64	0	08
Deniliq'n		c	96	49	0	33
Moruya .			78	62	0	19
Kiandra		r	87	20	0	39
Albury		r	—	50	0	34
B'd'lla		p	90	59	0	07
Cooma		r	96	55	0	27
Eden		r	80	60	0	11
Gabo		.	-	—		--

WIND SCALE.
13-Li't brze
23-Mod. ,,
34-Fresh ,,
56-Strg gale
65-Whole ,,

WEATHER.
b-Blue sky.
c-Scatter'd cloud
d-Drizzling rain
f-Fog
g-Gloomy, dull
h-Hail
l-Lightning
m-Misty
n-Frost
o-Overcast
p-Passing show'rs
q-Squally
r-Rain
t-Thunder
u-Threatening

TIME BALL
Drops at 1 p.m., SMT or 2h.55m.9·19s.a.m. Greenwich Mn. Time
MAG. VAR. 9°35′30″ E

Blue. wind N. Cloudy. wind E. T.Storm. wind S. Raining wind W
If it is CALM, the symbol is used without the arrow
sea smooth heavy very heavy.

28 29·74 F 81

CLOUDY GENERALLY.
SYDNEY c 85 68 Rain 0·000

28 29·97 R 57
14 29·73 F 61
14 29·83 F 58

Barometers fallen about 0·12 on S. coast For notes to 3 p.m. see under shipping news.

H.C. RUSSELL
GOVERNMENT ASTRONOMER

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